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29<sup>th</sup> ANNUAL

SEED CATALOGUE

EVERYTHING FOR THE

GARDEN

FARM

AND

ORCHARD

PRICE  
LIST OF

62.87

SEASON

1898

ESTABLISHED

1869

MAR 2 1898

BOTANY

SEED

H. M. McALL  
LITHO.  
BROOKLYN, N.Y.

OTTO SCHWILL & CO.

MEMPHIS,  
TENN.

# To Our Friends and Patrons.

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It is with pleasure we present to you our twenty-ninth annual catalogue and price list. First of all, we desire to thank our many friends for their past liberal patronage, and trust you will favor us with your orders for the approaching season.

The increase of our business each season proves that our customers appreciate fair treatment and honest dealing, and shows conclusively that our efforts to furnish fresh and pure seeds is the only permanent basis of success. Nothing causes greater vexation than worthless seeds. If you wish to avoid disappointment don't rely on seeds peddled over the country and sold on commission. **We send out no seeds on commission.**

## DIRECTIONS FOR ORDERING.

**Our Terms.**—Cash with order. No goods sent C. O. D. unless one quarter of the cost is remitted with the order. We will take postage stamps in any amount—wrap them clean and dry. Our prices will be found as low if not lower than those of any other reliable seed house.

## WRITE YOUR NAME

And address distinctly and in full. We cannot ship when either is omitted. We will esteem it a favor if you will send names and addresses of a few of your friends who buy seed.

## SEEDS BY MAIL.

We will furnish all Garden Seeds at the prices on the following list, postage paid, except heavy seeds such as Beans, Peas, Corn, Onion Sets, Clover, Grain and Grass Seeds, Bulbs, etc. For these it will be necessary to add to the remittance 15 cents per quart, or 10 cents per pound, to cover postage.

We have spared no pains in making our catalogue as complete as possible, avoiding all lengthy descriptions, and our list will be found to contain only varieties of merit and worth, and we aim to handle only the best grades of everything, but at the same time it must be distinctly understood we sell no goods with warranty, expressed or implied, in any respect, and will not be responsible for the crop. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for the same will be refunded.

We respectfully solicit your order, which will have our prompt and faithful attention, we are,

Yours truly,

OTTO SCHWILL & CO.,

Established 1869.

MEMPHIS, TENN.

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For Index see last page of Catalogue.

## ORDER SHEET FOR SEEDS, TREES AND PLANTS

—FROM

# OTTO SCHWILL & CO.

## **SEED DEALERS AND NURSERYMEN.**

304 FRONT ST.

ESTABLISHED 1869.

## MEMPHIS, TENN.

Date 189

Your Name.....

**AMOUNT ENCLOSED.**

Post office.....

### Cash

Post office.....

## Express or Freight Office

P. O. Order

County..... State.....

### Postage Stamps

Ship by ( State here how to ship  
by mail, express or freight )

**2c Preferred.**

Our Banner Collection, 10 Papers Vegetable Seeds, for 25c.

**Our Star Collection, 10 Papers Flower Seeds, for 25c.**

We will send you either collection by mail, postpaid, on receipt of price.

If PEAS, BEANS and CORN are  
Ordered Sent by Mail, add Ten  
Cents per Pint, Fifteen Cents  
per Quart, to Catalogue Prices  
for POSTAGE.



1898		JANUARY.			1898		
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	
Full Moon 7th	Last Quar. 15th	New Moon 22d	First Quar. 29th			I	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23 30	24 31	25	26	27	28	29	

### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—Very little work can be done this month but it is a good time to make plans and map out work before the coming season. Get the Hot Beds ready and sow Cabbage, Tomatoes, Lettuce, Cauliflower, Egg Plants, Beets and Kohl Rabi as early as possible. Toward the latter part of the month, weather permitting, plant Extra Early Peas—our strain of Alaska Extra Earlies are hard to beat. Sow outdoors Spring Turnips, Mustard and Spinach. Onion Sets can now be planted, also Potatoes. Set out Asparagus Roots and dress your old bed with manure and salt. Sow Onion Seed in Hotbed for transplanting to open ground later on. Sow early variety of Radish seed.

**In the Field.**—Get your land in shape to sow Oats, Grasses and Clovers. Buy your seeds early and have them ready.

**In the Orchard.**—Now is a good time to prune Fruit Trees and Grape Vines. Toward latter part of the month set out your young orchards. We can supply you with all sorts of Fruit Trees and Nursery Stock.

### DISCOUNTS ON SEEDS IN PAPERS.

On all Garden and Flower Seeds, with the exception of Peas, Beans and Corn, priced in this Catalogue at 5 cents per packet, we make discounts as follows. Make your own assortment. Postage paid to any address :

Three Packets for 10 cents  
Seventeen Packets for 50 cents.

Eight Packets for 25 cents.  
Thirty-five Packets for \$1.00.

On all packets and ounce papers priced in Catalogue at 10c, discounts as follows. Make your selection. Postage paid to any address :

Three Packets for 25 cents. Seven Packets for 50 cents.  
Fifteen Packets for \$1.00.

Write for complete descriptive catalogue of Fruit and Ornamental Trees and other Nursery stock. We have a fine stock, all grown at our Memphis and Cedar Grove Nurseries.

1898		FEBRUARY.					1898	
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		
			1	2	3	4	5	
6	7	8	9	10	11	12		
13	14	15	16	17	18	19		
20	21	22	23	24	25	26		
27	28			Full Moon 6th	Last Quar. 13th	New Moon 20th	First Quar. 28th	

### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—Plants in the Hotbed will require daily attention. Plant Extra Early and Marrowfat Peas. Plant Potatoes for a general crop, this is the best month for a good yield. Sow Radishes, Turnips, Mustard and Spinach. Weather permitting set out a few Cabbage and Lettuce plants. Sow Onion Seed in open ground in drills for raising large Onions. Sow in Hotbeds, Pepper, Egg Plant and Tomato Seeds. Plant Onion Sets. Plant your Sweet Peas in the flower garden now. Put out Asparagus and Rhubarb Roots.

**In the Field.**—Lawns should be looked after. Give a top dressing of well rotted manure and bone meal. For new lawns use our Emerald Lawn Grass, especially adapted to this climate and soil. Sow Texas Red Rust Proof and Turf Oats and Grass Seeds. Canada Field Peas should be sown this month, they make a splendid early feed or hay in early June, sown with Oats. Plant Artichokes for hogs. Sow also some Burt Oats, they are especially adapted for thin land.

**In the Orchard.**—Now is the best time for setting out all kinds of fruit trees and other nursery stock. Trim up and prune all old trees in orchard. Use our Pure Bone Meal Fertilizer on all your fruit trees, it is a wonderful nourishment to them. Now is the time to begin spraying operations in the orchard.

### DISCOUNTS ON GARDEN SEEDS IN BULK.

At prices named in our catalogue we will give discounts as follows:

On all orders amounting to \$ 5.00 deduct 10 per cent.

On all orders amounting to 10.00 deduct 12 per cent.

On all orders amounting to 15.00 deduct 15 per cent.

Above discount does not apply to any Grass Seed; Potatoes, Onion Sets, Bulbs and Nursery stock on which we only give lowest net prices at date this Catalogue is issued.

**Fine Seed Potatoes** is one of our specialties. We have on our list several new varieties of merit, especially the King of Earlies. Do not fail to try that sort this season.

1898		MARCH.					1898	
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		
Full Moon 8th	Last Quar. 15th	1	2	3	4	5		
6	7	8	9	10	11	12		
13	14	15	16	17	18	19		
20	21	22	23	24	25	26		
27	28	29	30	31	New Moon 22d	First Quar. 30th		

### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—This is an active month in this section. Sow for succession English Peas. The wrinkled varieties of English Peas can now be planted. Sow out doors Carrots, Parsley, Cabbage, Beet, Celery, Lettuce, Salsify, Parsnips, Leek and Onion Seed. Early corns can be planted about the 15th. Onion Sets can be yet planted. Transplant your Cauliflower, Cabbage and Lettuce plants to open ground. This is also a good month for planting Potatoes. Plant a few Bush Beans about latter part of the month. Continue to put out Asparagus, Rhubarb and Horse Radish Roots. Sow hardy kind of Flower Seeds, as they will flower earlier when sown this month, especially Sweet Peas. Bed out Sweet Potatoes now for raising plants.

**In the Field.**—Sow all sorts of Clover Seeds, Grasses and Oats. Continue sowing Lawn Grass Seeds. Plant Sorghum and Field Corns. Do not fail to plant our early variety of field Corns, Leaming Yellow and White Early Surprise they will make you a corn crop by July 1st to 10th. Use our Chicora brand Acid Phosphate and Potash for fertilizer for Corn, the result will surprise you. Plant Artichokes.

**In the Orchard.**—Continue to set out Fruit Trees, Raspberry and Blackberry plants, also Strawberry Plants, Shade and Evergreen Trees. See us before purchasing your stock of these, as we are headquarters in that line, having a complete nursery to our established seed trade.

### Schwill's Banner Collection.

#### 10 Papers Garden Seed for Only 25 cents.

We will send, postage paid, to any address, one paper each of the following Vegetable Seeds upon receipt of price.

BEET—Early Blood Turnip.

MUSKARD—Southern Giant Curled.

CABBAGE—Early Flat Dutch.

RADISH—Early Scarlet Turnip.

CARROT—Improved Long Orange.

SQUASH—Early White Bush.

CUCUMBER—Impr'd Long Green.

TOMATOES—Early Acme.

LETUCE—Lge White Cabbage H'd. TURNIP—Red or Purple Top, S. L.

We cannot allow any change in this collection under any conditions. All of our Seeds are fresh, of high grade and packets well filled.

1898

APRIL.

1898

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Full Moon 6th	Last Quar. 13th	New Moon 20th	First Quar. 28th		I	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—If not already planted, sow Beets, Carrots, Lettuce, Parsley, Endive, Parsnip, Salsify, Radishes. Leek, Mustard, Turnips, Cress, Celery, Tomatoes, Cucumbers, Squash, Sweet Corn, in fact most everything can now be planted. Plant Bush Snap Beans, and toward last of the month Pole and Lima Beans. Dust your Cabbage and Cauliflower Plants with Slug Shot. Try a few Melons and Cantaloupes. Potatoes can be planted. Do not fail to plant our Early Surprise Corn for roasting ears, it will please you. Plant Tuberose, Dahlia, Gladiolus and Cannas Bulbs in the flower garden.

**In the Field.**—Sow Mangel Wurzel and Sugar Beet for stock. Continue planting Corn, Sorghum, Kaffir Corn, German Millet, Grass Seeds and Clovers. Stock Peas of all kinds can now be planted and all other fodder plants should now be sown. Plant Artichokes. Sow spring Vetches, they make an excellent hay.

**In the Orchard.**—It is drawing near the end of the season for setting of Fruit Trees and Nursery Stock, and if they are not already put out do so at once. Consult us if in need of any Shade or Fruit Trees, Shrubbery or Evergreens.

## Schwill's Mixed Collection.

### 10 Papers Assorted Seeds for Only 25 cents.

We will send, postage paid, to any address, one paper each of the following varieties Seeds upon receipt of price.

#### VEGETABLES.

BEET—Early Blood Turnip.

LETTUCE—Large White Cabbage Head.

RADISH—Early Scarlet Turnip.

SPINACH—Curled Savoy.

TOMATOES—Early Acme.

#### FLOWERS.

SWEET ALYSSUM.

NASTURTIUM, Dwarf Mixed.

PANSY, Mixed.

PHLOX DRUMMONDII, Mixed.

SWEET PEAS, Mixed.

We cannot allow any changes in this collection under any conditions. All of our seeds are fresh of highest grade and packets are well filled.

1898		MAY.					1898	
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		
1	2	3	4	5	6	7		
8	9	10	11	12	13	14		
15	16	17	18	19	20	21		
22	23	24	25	26	27	28		
29	30	31	Full Moon 6th	Last Quar. 12th	New Moon 20th	First Quar. 28th		

### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—Seeds of all kinds can now be planted. Bush Beans, Pole Beans, Lima Beans, Sugar Corn, Beets, Salsify, Parsnip, Squash, Cucumber, Okra, Cantaloupes, Watermelon, Pumpkins, Cabbage for late use, Egg Plant, Peppers, Cress, Carrots, Lettuce, Endive and Kohl Rabi. Now is the time for action, don't delay. Sow Tomatoes for late use, also Herbs of all sorts. All kinds of flower seeds can now be sown.

**In the Field.**—Sow German Millet and Hungarian Grass, Cow Peas of all kinds, Sorghum, Chufas for hogs, Cotton, Corn, Peanuts, also Pearl or Cat Tail Millet, Bermuda Grass and Spring Vetches. Put some Land Plaster on young clover, the result will surprise you.

**In the Orchard.**—Little can be done besides spraying the young fruit to keep off insects. See us about your spraying outfit before purchasing same.

## Schwill's Star Collection.

### 10 Papers Assorted Flower Seeds for Only 25 cents.

We will send, post paid, to any address, one paper each of the following flower seeds upon receipt of price:

SWEET ALYSSUM MARITUM.

PETUNIA, Mixed, Single.

NASTURTIUM, Dwarf, Mixed.

PINK, China, Double Mixed.

MIGNONETTE, Sweet.

PHLOX DRUMMONDII, Mixed.

PANSY, Mixed.

SWEET PEAS, Mixed.

POPPY, Carnation, Mixed.

VERBENA, Mixed.

We call the attention of our customers and friends to the business cards, on the pink pages, of a few of our most reliable merchants in this city, and take pleasure in recommending them to anyone wishing goods in their line. They will treat you right. Mention this catalogue in writing to them.

1898		JUNE.					1898	
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		
Full Moon 4th	Last Quar. 11th		1	2	3	4		
5	6	7	8	9	10	11		
12	13	14	15	16	17	18		
19	20	21	22	23	24	25		
26	27	28	29	30			New Moon 18th	First Quar. 26th

### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—All crops should now have faithful attention—weeds kept down. Plant Sugar and other early Corns for roasting ears, Cucumbers, Melons, Squash, Pumpkins may yet be planted. Continue to set out Sweet Potatoes, Egg and Pepper Plants; sow some yellow summer Radishes, Endive, Collards and Cabbage for late use. Onion Sets can be still planted. Bunch Beans, both Green and Wax varieties, also Pole Beans will do well planted now. Sow Tomato seed for late use. Plant Okra, also try a few Ruta Baga and early Turnips, and do not fail to dust all plants with Slug Shot if infected with fleas, bugs and cut worms.

**In the Field.**—Continue planting field Corns, our early 90 day varieties are the best. Plant Soja Beans, Pearl Millet, Bermuda Grass, Cow or Stock Peas of all sorts, German Millet and Hungarian Grass can also be sown now. Plant Navy Beans for winter use.

**In the Orchard.**—Keep down the weeds around young trees, and sow a few speckled Peas in the orchard, they are a wonderful fertilizer for young trees.

### SCHWILL'S KITCHEN GARDEN COLECTION.

PRICE, 50 Cents.

Sent postage paid, to any address, upon receipt of price. At regular prices this would cost you \$1.00.

$\frac{1}{2}$ pint PEAS, Extra Early Alaska.	1 packet PARSNIP, Sugar Hollow Crown.
$\frac{1}{2}$ pint PEAS, Lg. White Marrowfat.	1 pkt MUSTARD, Southern Giant Curled.
$\frac{1}{2}$ pt BUNCH BEANS, Imp. Valentine.	1 pkt RADISH, Early Scarlet Turnip.
$\frac{1}{2}$ pint POLE BEANS, Ky. Wonder.	1 pkt RADISH, Early Long Scarlet.
1 pkt BEET, Early Blood Turnip.	1 pkt SQUASH, Early White Bush.
1 pkt CABBAGE, Early Flat Dutch	1 pkt SPINACH, Curled Savoy.
1 pkt CUCUMBER, Long Green.	1 pkt TURNIP, Purple Top, S. L.
1 pkt CARROT, Imp. Long Orange.	1 pkt TOMATO, Acme Early.
1 pkt COLLARD, Georgia.	1 pkt LETTUCE, White Cabbage Head.

No change allowed in the above collection.

1898		JULY.			1898		
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	
Full Moon 3d	Last Quar. 10th	New Moon 18th	First Quar. 26th		I	2	
3	4	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24/31	25	26	27	28	29	30	

### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—Plant Cucumbers for pickle, sow Tomatoes and Cabbage. Seed for late crop, also Pole and Bush Beans, Corn for roasting ears. Set out Cabbage plants for winter use. This is a good month to commence sowing Ruta Bagas and a few Turnips. Dust the young plants with Slug Shot if bothered with insects. Plant Pumpkins, Okra, Squash, Lettuce and Summer Radishes. Set out Tomato and Sweet Potato plants. Sow some Early Wakefield and Early Summer Cabbages now for heading in the early fall.

**In the Field.**—Cow Peas, Millet, Hungarian, Sorghum and Field Corn can still be planted. Sow Buckwheat for bees. This is the month for planting Potatoes for raising the second crop; wait for a season and plant deep, if planted too shallow they are liable to rot. Get your land ready for sowing Rye, Barley, Crimson Clover and Winter Turf Oats.

**In the Orchard.**—This being a dry month, young trees just planted this spring must be watched; stir the soil around them and water well; those that are droopy keep them well mulched.

### Schwill's Blue Ribbon Collection.

40 Papers Assorted Seeds for \$1.00.

Mailed to any address on receipt of price. No changes allowed.

BEET, Early Egyptian Turnip  
BEET, Early Blood Turnip  
BEAN, Bunch, Early Valentine  
BEAN, Bunch, Early G'd Wax  
BEAN, Pole, Kentucky Wonder  
CARROT, Imp. Long Orange  
CORN, Early Surprise  
CUCUMBER, Er. White Spine  
CUCUMBER, Imp. Long Green  
CABBAGE, Er Jersey Wakefield  
CABBAGE, Early Flat Dutch  
CABBAGE, Lg Late Flat Dutch  
CABBAGE, Lg Drumhead Savoy  
EGG PLANT, N. Y. Purple

LETTUCE, Lg White Cabbage Head  
LETTUCE, Hanson  
MELON, Water, Dixie  
MELON, Cantaloupe, Nutmeg  
MUSTARD, Giant Curled  
ONION, Red Wethersfield  
PEAS, Ex. Er. Alaska  
PEAS, Lg. White Marrowfat  
PARS IP, Sugar, H. C.  
PARSLEY, Double Curled  
PEPPER, Ruby King  
RADISH, Early Scarlet Turnip  
RADISH, Early Long Scarlet

RADISH, Yellow Summer  
SPINACH, Curled Savoy Leaf  
SQUASH, Early White Bush  
SQUASH, Yellow Crookneck  
SALSIFY, Mammoth White  
TUR IP, Purple Top Flat  
TURNIP, Red Top Globe  
TOMATO, Early Acme  
TOMATO, Beauty  
HERBS, Sage  
HERBS, Thyme  
FLOWER, Nasturtum, Tall  
FLOWER, Sweet Peas, Mixed

1898		AUGUST.					1898	
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		
Full Moon 1-31st	1	2	3	4	5	6		
7	8	9	10	11	12	13		
14	15	16	17	18	19	20		
21	22	23	24	25	26	27		
28	29	30	31	Last Quar. 9th	New Moon 17th	First Quar. 24th		

#### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—Now is the time to start for a fall garden. Sow Kale, Spinach, Lettuce, Early and Winter Radish, Corn Salad, Turnips and Ruta Bagas of all sorts, Mustard, Beets, Parsley, Cucumbers, Squash, Collards and Late Cabbages. Onion Sets and Shallots can now be planted. Continue planting Potatoes for second crop. Extra Early Peas sown this month will make a good yield. All growing crops should be well worked, the ground kept loose, which is the best way to retain the moisture. Sow Italian Onion seeds now for setting out in rows in October. Some early garden Corn can also be planted.

**In the Field.**—German Millet can be sown as late as the 15th of the month. Sow some Rye, Barley and Winter Turf Oats, also Crimson Clover for winter pasture, after which they will make a good crop of grain.

**In the Orchard.**—Continue operations suggested last month.

## Fruit Trees and Nursery Stock.

Having bought out the old established nursery business of Mr. R. B. Koen, who has been in business here for thirty-five years or more, we are now prepared to furnish all kinds of Nursery Stocks of the very best grade, first-class in every respect.

**Peach, Pear, Apple, Apricot, Plum, Cherry, Quince,  
Damson, Shade and Ornamental Trees, Strawberry,  
Blackberry, Raspberry and Gooseberry Plants.**

See us before purchasing your Trees. Send for complete descriptive Catalogue and Price List of Nursery Stock.

**MEMPHIS AND CEDAR GROVE NURSERIES,**

**R. B. Koen, Manager. OTTO SCHWILL & CO., Proprietors.**

## 1898 SEPTEMBER. 1898

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Last Quar. 7th	New Moon 15th	First Quar. 22d	Full Moon 29th	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

## WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—Most of the seeds recommended for last month will do yet. Radishes, Corn Salad, Lettuce, Mustard, Kale, Spinach, Endive, Turnips of all sorts; Onion seeds for transplanting can yet be sown. Set out more Shallots and Onion Sets. Transplant Cabbage plants, which are now ready for fall Cabbage:

**In the Field.**—This should be an active month on the farm. All vacant land can be sown profitably to some crop. Sow Crimson Clover as early as you can this month, it makes excellent pasture in the winter and fine hay crop in the early summer. Crimson Clover is also a good fertilizer. Sow all kinds Grass Seeds and Red Clover now. Continue sowing Barley, Rye and Winter Turf Oats for winter grazing. Sow our Emerald Lawn Grass and Kentucky Blue Grass. Add a little slackened lime to the manure as a top dressing when sowing, and your lawn will be green all winter long.

**In the Orchard.**—Get ready for planting out the young trees and nursery stock you expect to put out this month.

## SATISFACTION GUARANTEED.

We realize most fully that in the seed business —more so than in any other—“a pleased customer is the best advertisement,” and our undivided attention is given to satisfying our patrons, so that they will remain with us permanently. From past experience we are confident of our ability to please the most fastidious, and all we ask of those who have not yet dealt with us is to send us a trial order and be convinced of the superior quality of our seeds, and our fair and square method of doing business.

## FREE! FREE!

Beautiful Chromo Picture Plates of Sweet Peas and Pansies, which, when framed, will be an ornament to any dining room. We will give to *every customer* one Picture. Yours for the asking. Shall we send you a copy?

1898		OCTOBER.					1898	
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		
Last Quar. 7th	New Moon 15th	First Quar. 22d	Full Moon 29th				I	
2	3	4	5	6	7	8		
9	10	11	12	13	14	15		
16	17	18	19	20	21	22		
23 /30	24 /31	25	26	27	28	29		

#### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—Sow Kale, Spinach, Corn Salad and Winter Radishes. Sow outside about the 10th of the month Earley Jersey Wakefield, Charles-ton or Large Wakefield, Early Summer and Solid South Cabbage for transplanting into cold frames next month. Our strain of these popular market varieties is unsurpassed. Sow some Lettuce in beds for winter use. Continue to set out Shallots and Onion Sets. Now is the time for planting Fall Flower Bulbs, Hyacinths, Tulips, Narcissus, etc. We carry large stocks of these bulbs. Sow Fansy seed in frames for transplanting in the spring.

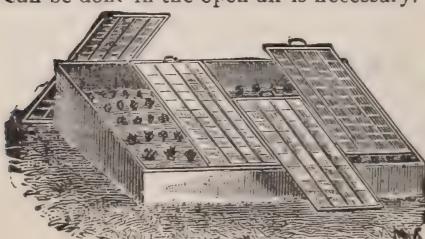
**In the Field.**—Continue to sow Rye, Barley and Winter Turf Oats. About the 15th wheat should be sown. Sow some winter Hairy Vetches with Rye, they make a splendid fodder plant sown together. All kinds of Grass seeds, Timothy and Clover Seeds will do well sown this month. Renovate your lawns with our Emerald Lawn Grass.

**In the Orchard.**—Set out Strawberry Plants the latter part of this month and prepare everything for putting out young fruit trees, shade trees and Grape vines.

#### THE HOTBED.

For early vegetables, some provision for starting certain plants earlier than can be done in the open air is necessary.

For this purpose, nothing is better than a good hotbed. Fresh horse manure mixed with dried leaves makes the best heating material. This must be forked over and thrown in a loose pile; let it remain for a few days and forked over again, allowing it to heat a second time; this will fit it for use. Spread your manure evenly and tramp it well together till your bed is a foot or more deep; then fill in six inches of good earth and cover with frame.



1898 NOVEMBER 1898						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Last Quar. 6th	New Moon 13th	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30		First Quar. 20th	Full Moon 27th

### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**—Shallots and Onions can still be planted and cover the rows with some fresh manure. Sow Spinach, Corn Salad and Winter Radishes up to the 15th of the month. Have your cold frames ready for transplanting Cabbage into them sown last month. Manure for Hotbeds should be looked after. Continue to put out Flower Bulbs of all kinds.

**In the Field.**—The season is now drawing to a close, and everything should be sown as early in the month as possible. Sow Rye, Barley, Turf Oats and Wheat. Grass Seeds, Timothy and Clover can also be sown.

**In the Orchard.**—This will be an active month, as November is the best time for planting out all sorts of Nursery Stock. Apple, Pear, Peach, Cherry, Plum, Quince, and all kinds of shade trees are now ready to set out; also Grape Vines, Blackberry and Raspberry plants, Strawberry plants. We can supply you with choice Trees and Plants of every description. Use pure Bone Meal fertilizer in setting out young trees.

**Banner Collection, 10 packets Vegetable Seed for 25c.**

**Mixed Collection, 10 pks Vegetable and Flower Seed, 25c.**

**Star Collection, 10 packets Flower Seed for 25c.**

**Kitchen Garden Collection, \$1 worth Vegetable Seed for 50c**

**Blue Ribbon Collection, 40 pks Garden Seed for \$1.00.**

Look on second page for full information how to get your Seed at reduced rates; we pay the postage.

1898		DECEMBER.					1898	
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		
Last Quar. 6th	New Moon 13th	First Quar. 19th	Full Moon 27th	1	2	3		
4	5	6	7	8	9	10		
11	12	13	14	15	16	17		
18	19	20	21	22	23	24		
25	26	27	28	29	30	31		

### WORK FOR THE MONTH IN THE GARDEN, FIELD AND ORCHARD.

**In the Garden.**--Very little can be done this month. Get all Hotbeds ready and commence to sow Cauliflower and Cabbage for spring use. The latter part of the month start your Tomatoes and Egg Plants; sow in frames some early forcing Radish, also Lettuce. Continue to put out Hyacinth, Tulip and other fall Bulbs. Sow in frames Flower Seeds, Pansy, Daisy and Carnations.

**In the Field.**--Farming operations are about over for the season now, although you can sow some Wheat, Rye and Barley if not yet done. Continue hauling manure; when an opportunity offers plow your land and spread manure on it. Mend your fences and see that all tools are housed, cleaned up and put in working order for the next year.

**In the Orchard.**--If not yet done set out Fruit, Shade and Ornamental Trees of all kinds and Strawberry Plants. Prune, work and fertilize the old orchards, etc.

### SWEET PEAS.

#### THE MOST POPULAR FLOWERS OF THE DAY.

By special arrangement with our growers in California we are able to offer a magnificent assortment this season--sixty-three varieties and every one different. We will send, postage paid, upon receipt of price the entire

**63 packets named sorts Sweet Peas for \$1.25**

**40 packets named sorts Sweet Peas for 1.00**

**17 packets named sorts Sweet Peas for .50**

**8 packets named sorts Sweet Peas for .25**

Make your own selection from our list.

For prices, bulk and packets of Mixed Sweet Peas, see under head Flower Seeds.



*Vegetable,  
Flower, Grass and Field Seeds  
Fruit and Ornamental Trees.*

**Descriptive List with Directions for Culture.**

Our Prices on Vegetable and Flower Seeds given here include postage or free delivery, except on Peas, Beans, Corn, Grass, Clover Seed and Bulbs. For cost of mailing those see remarks under their respective headings. Market gardeners or large planters of seeds requiring large quantities are invited to write for our special prices. In writing please state what quantities you want. Submit your list, we can sell you *good* seed as low as anyone.

**Our Packets are Well-Filled with Best Seeds Only.**

**ASPARAGUS.**



One ounce of seed will produce 200 roots, and sow about 50 feet of drill; 5 pounds will plant an acre; 75 to 100 roots will set a bed 12x40 feet, which will be large enough for an ordinary family.

**Conover's Colossal.**—A large and rapid grower. Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 60c.

**Palmetto.**—An improved variety, vigorous grower, large stalks. Oz., 10c;  $\frac{1}{4}$ -lb., 35c; 1-lb., \$1.25.

For Asparagus Roots see index for page.

**ARTICHOKEs.**

One ounce of French Globe Artichoke will sow 100 feet of drill and produce about 500 plants. Jerusalem Artichokes are propagated only from the tubers.

**Culture.**—Sow seed of French Artichokes in Spring, in rich, light, loamy soil, and in drills about 10 inches apart. Transplant the next Spring in permanent rows 4 feet apart, setting the plants 18 inches apart in the rows. Only the large, succulent flower-buds are used; they are prepared like Asparagus.

**Green Globe French.**—The best variety; buds large, thick and fleshy. Packet, 5c; oz., 30c; 2-oz., 50c;  $\frac{1}{4}$ -lb., \$1.00.

For Jerusalem Artichokes for Hogs, see index for page.

**All Vegetable Seed are 5c per package or 3 packets for 10 cents, unless otherwise noted.**

**BUSH DWARF, OR SNAP BEANS.**

One quart to 100 feet drill; 1½ bushel to the acre, in drills.

Plant when all danger of frost is over. Drop the bean two or three inches apart, in rows standing eighteen inches to two feet apart. Hoe often—never when the vines are wet—or they will rust—drawing the earth slightly toward them; and at least once before they blossom sow land plaster upon them. As they require but six to eight weeks to make green pods they can be sown as late as Sept. 1st.

**Remember if Beans are wanted by mail add 15c per quart and 8c per pint to catalogue prices for postage.**

**GREEN PODDED VARIETIES.**

**Early Long Yellow Six Weeks.**—Extra early, productive, and of good quality, pods being flat and straight. Pint, 10c; quart, 15c; peck, 90c; bushel, \$3.00.

**Early Mohawk Six Weeks.**—The hardest of the early varieties, and will endure a slight frost. This and the Valentine are largely grown in the Southern States for Northern markets. Pods are from 5 to 6 in. long. Pint, 10c; quart, 15c; peck, 90c; bushel, \$3.00.

**Improved Extra Early Refuge.**—One of the finest for the market gardener's first planting, being extra early and hardy. Has all the good qualities of the famous Refugee; immense yielder. Pint, 10c; quart, 20c; peck, \$1.00; bushel, \$3.25.

**Best of All.**—A fine variety of very dwarf growth, bearing pods some 6 inches long, which are of a rich flavor, fleshy, very productive and early. Pint, 10c; quart, 20c; peck, \$1.25; bushel, \$4.00.

**Improved Ex. Ea. Round Pod Valentine.**—Productive, long, round, fleshy pods, brittle, tender, and excellent string bean. The best for main crop for market gardener or general family use, where a green pod is desired. Our stock of this popular bean is the true round pod. We do not carry the cheap Michigan grown beans with which the country is flooded. Pint, 10c; quart, 20c; peck, \$1.00; bushel, \$3.25.

**White Bunch Navy Bean.**—A standard sort for field culture; very productive. Quart, 15c; peck, 75c; bushel, \$2.75.

**Burpee Stringless Green Pod Bush Bean.**—The only stringless green pod bush bean in cultivation. The pods are longer than Valentine, very fleshy, crisp, tender, and never stringy. Ripens just as early as the Early Yellow Six Weeks. All who have tried them last season were highly pleased.

**California Branch, or Prolific Tree.**—A valuable variety for field culture, twenty inches high, stiff, upright branches, often yields forty-five bushels to the acre. Pint, 15c; quart, 25c; Peck, \$1.00.

**Do not miss the Celebrated Conscience Corn; it is the largest variety in existence.**



Mohawk Six Weeks.



Imp. Red Speckled Valentine.



**Henderson's Dwarf or Bush Lima.**—The most satisfactory of all the Bunch Lima Beans in this section. It grows without the aid of stakes, in compact bush form, to eighteen inches high. Is *earlier* than any of the climbing Limas, and produces a continuous crop until frost.  $\frac{1}{2}$ -pint, 10c; pint, 15c; quart, 25c; 4 quarts, 75c.

#### WAX OR YELLOW PODDED VARIETIES.

##### (Dwarf or Bush.)

**Currie's Rust-Proof Black Wax.**—In this standard bean we have one that combines all the good qualities of the best yellow podded bean, and at the same time is positively rust proof, strong grower; of upright habit, bearing masses of long flat and straight pods of a beautiful golden color in enormous quantities. Pint, 10c; quart, 20c; peck, \$1.00.



Currie's Rust Proof Wax

**Dwarf German or Black Wax.**—One of the best of the yellow wax or golden podded varieties. Pods round, meaty, curved and borne in branches, ready for the table in about forty days from germination. Pint, 10c; quart, 20c; peck, \$1.00; bushel, \$3.25.

**New Davis Wax Bean.**—Extensive trials the past three seasons have proven this new bean the largest cropper, the handsomest pod, the best shipping and market bean in cultivation. The pods are very long, oval, clear waxy white color, and, when of suitable size to use for snaps, entirely stringless, showing no tendency to string until they reach maturity. The large, white, handsome, kidney-shaped dry beans are very attractive.  $\frac{1}{2}$ -pint, 10c; pint, 15c; quart, 25c; 4 quarts, 75c.



Dwarf German Black Wax.

Every purchaser is entitled to one of our beautiful Chromo picture either Sweet Pea or Pansy plate, ask for one. Mailed free.

**Improved Golden Wax.** — This has long been the standard variety for general use. Vines of medium size, erect, hardy and productive. Pods long, nearly straight, broad, flat, golden-yellow, very fleshy and wax-like. Pint, 10c; quart, 20c; peck, \$1.00; bushel, \$3.25.



Improved Golden Wax.

**New Lima Wax Bush Bean.** — One of the most interesting and excellent novelties yet introduced. The broad, fleshy pods are absolutely stringless until the beans become too large, tender and of finest flavor. This new variety can be eaten in its young state and used like the other variety. It is fully two weeks earlier than the ordinary Limas. The plants grow similar to the Henderson Bush Limas. We feel certain this new bean will prove a reliable addition to the list of garden vegetables. Packet, 10c;  $\frac{1}{2}$ -pint, 15c; pints, 25c; qts., 40c.

### BEANS.

#### Pole or Running.

One quart will plant about one hundred and fifty hills.

These require more care than the Bush Bean, and should not be planted until two weeks later, as they stand in much more danger from the frost. Plant in hills, from five to six seeds in each, about two inches deep. The hills should be about four feet apart. If beans are wanted by mail add 15c per quart and 8c per pint to catalogue prices for postage.

**Kentucky Wonder, or Old Homestead.** — Splendid variety; vine vigorous, climbing well and very productive, bearing its pods in large clusters; pods green, very long, often reaching nine or ten inches, nearly round when young, and very crisp.  $\frac{1}{2}$  pints, 10c; pints, 15c; quart, 25c; 4 quarts, 75c.

#### Lazy Wife's Pole Bean.

Pods of medium dark green color, broad, thick and very fleshy, and retain their rich, tender qualities until nearly ripe, and at all stages unsurpassed for snap-shorts, being peculiarly luscious.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c; 4 quarts, 75c.



Kentucky Wonder.

**Horticultural, or Speckled Cranberry**—the old “Bird Egg” Bean.—Round, speckled; tender for snap beans; not excelled for shelling and succotash.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c; 4 quarts, 75c.

**Golden Cluster Wax**.—Undoubtedly the earliest pole Wax variety. Although it begins to bear early it continues until frost. Pods from six to eight inches long and borne in clusters of from three to six, and are most freely produced; stringless, very tender and of delicious flavor.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c; 4 quarts, 75c.

**Carolina, or Sewee**.—This variety is similar to the Lima, growing fully as strong, but producing beans half the size. As a market variety it is much more desirable, being more productive.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c; 4 quarts, 75c.

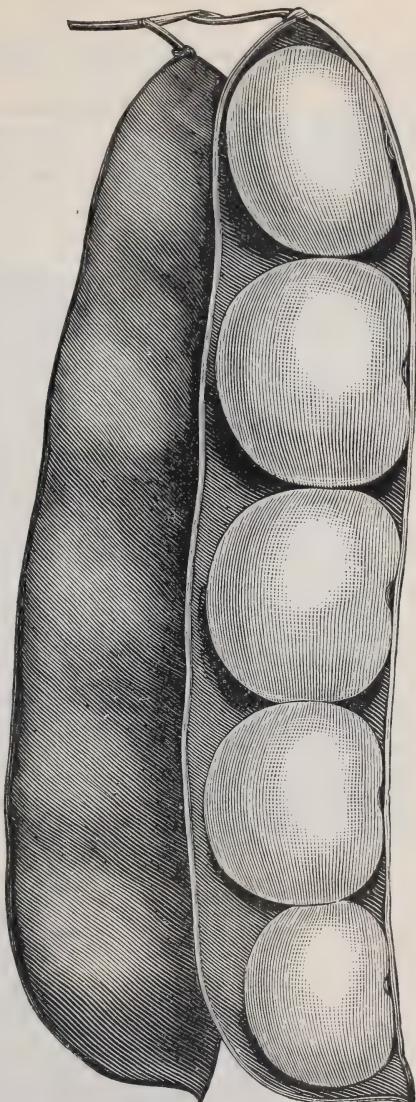
**Red Speckled Cut-Short, Corn Hill Pole**.—This is a climbing green podded Bean, used in the South for planting to corn, and hence known in some localities as a corn-field bean. It is very productive; pods green, half-round and succulent.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c; 4 quarts, 75c.

**Ford’s Mammoth Podded Lima**.—This is, without exception, the largest podded and most productive of all Lima Beans. The pods usually contain five to seven beans of most excellent quality for using either in the green or dry state. The vines grow vigorously, setting the beans early at the bottom of the pole, and continuing bearing until frost.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c; 4 quarts, 85c.

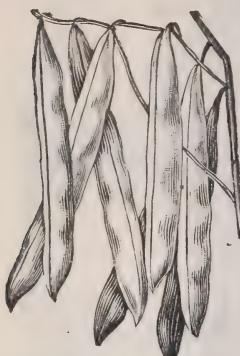
**Southern Prolific**.—Pods brittle and tender. It is one of the most popular beans in the Southern States.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c; 4 qts., 75c.

**Extra Large White Lima**.—The old well known sort; pods borne in clusters, long, broad, very thin, dark green; beans large, greenish white, flat. Our stock of this standard variety is extra selected.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c; 4 quarts, 85c.

We call attention to the business cards of several of our solid merchants, and cheerfully recommend them to our friends and customers. Write to them for what you want in their line, and mention this catalogue.



Ford's Mammoth Podded Lima.



Southern Creaseback.

**Southern or White Crease-back.** — An extremely early green pod bean which ca. not be praised too highly. It is a good grower and exceedingly productive; the long pods are produced all over the vine in clusters of from four to twelve; perfectly round, with a crease in the back; very fleshy and of fine quality.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c; 4 quarts, 75c.

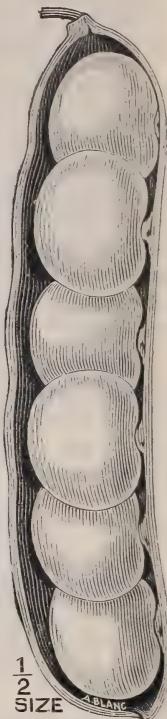
**King of Garden Lima.** — Early; excellent quality; very large pods; one of the best for market. The most prolific bearer of all the Lima family. Pods being in clusters forming a beautiful sight.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c; 4 qts., 85c.

**Scarlet Runner.** — Produces clusters of beautiful scarlet flowers; grown principally for ornament.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c.

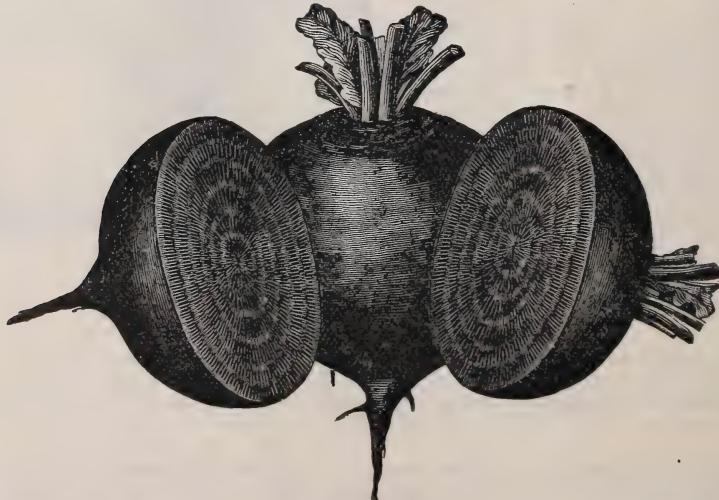
#### BEETS.

One ounce to fifty feet drill; four to five pounds to the acre in drills.

Beets require a deep, rich and mellow soil, and may be sown from early spring to commencement of summer. Drop about one inch deep, in drills twelve to eighteen inches apart. Thin to six and twelve inches, and hoe often until the tops cover the ground. In dry weather it is a good idea to soak the seed before planting.



King of the Garden Lima.



Early Eclipse Beet.

**Early Eclipse Beet.** — A fine market variety, globe shaped, blood red, smooth, and of fine quality. Oz. 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c.; 1 lb., 50c.

Send \$1 and select 35 papers of Seed from our list of the 5c size.



Improved Dark Red Egyptian.

**Improved Dark Red Egyptian.**—This is our best market gardeners strain, an improvement by selection of the old standard variety, Early Egyptian, being somewhat thicker, color deepest red, almost black. The bulbs are more tender and smooth than most any other sort. If you want the best beet for bunching for early market do not fail to plant this special stock. Ounce, 10c; 2 ozs., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**Extra Early or Bassano.**—Roots light red, turnip-shaped; flesh tender and juicy, and boils white. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.



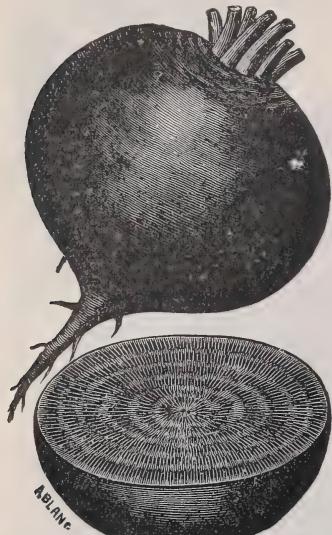
Ex. Ea. Dark Red Egyptian Beet.

**Extra Early Dark Red Egyptian.**—One of the earliest; very deep red, tender and delicious; the leading market sort and best for forcing. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Edmand's Early Blood Turnip.**—Of good form, round, with only one single, small tap root. The flesh is of a deep blood red color, and very sweet and tender. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Perfection Half Long Blood.**—Of half-long shape, and of very dark red color. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.

All Vegetable and Flower Seeds are 5c per packet or 3 packets for 10c unless otherwise noted.



Early Blood Turnip.



Golden Tankard Mangel Beet.

**Early Blood Turnip.**—The standard sort; blood red, turnip-shaped and very tender. Ounce, 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Improved Long Blood Red.**—A well known hardy variety; grows from ten to fourteen inches long. Per oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Crosby's Egyptian Beet.**—Originated by Josiah Crosby, a leading market gardener for the Boston market, and is a great improvement on the old Egyptian, being earlier, thicker, handsomer, and more regular in shape, smooth, with very small tops and small tap roots. It is of perfect shape and just the thing for market gardeners. Oz., 10c; 2 oz., 15c,  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

## Mangel Wurzels and Sugar Beets.

### STOCK FEED.

Sow from four to six pounds to an acre. Plant a few for your stock by all means. Sow in drills two feet apart. Cultivate same as beets. They yield enormously and are very nutritious.

**Select Mammoth Long Red.** The heaviest cropping and smoothest variety of Long Mangels. Excellent keeper. Oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 35c.

**Golden Tankard.**—The best of the intermediate sort; very nutritious; color, bright yellow. Oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 35c.

**White Sugar Beet.**—The large amount of saccharine matter contained in this variety makes it very valuable for stock feeding purposes. Oz., 10;  $\frac{1}{4}$  lb., 15c; 1 lb., 35c.

### BROCOLI.

**CULTURE.**—Sow as soon as the ground can be worked in the spring. Plant out two feet apart each way, when the plants are about four inches high. Cultivate same as cabbage, in rich soil.

**Purple Cap.**—The best for this country. Packet, 5c., oz., 40c.

### BRUSSELS SPROUTS.

The plant grows two or three feet high, and produces from the sides of the stalk numerous little sprouts, one or two inches in diameter, resembling cabbage.

**CULTURE.**—They should be treated in all respects like cabbage or kale. Packet, 5c.; oz., 25c.

Our stock of Fruit Trees, etc., is all strictly first-class, good and strong, with whole roots—not the little twigs which the traveling nursery agent usually sends you. We ask a trial order.

**CRESS, OR PEPPER GRASS.****CURL D.**

Curled Cress.

A well known pungent salad. Cover very slightly; sow at frequent intervals to keep up a succession, as it soon runs to seed. Packet, 5c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.

**CHICORY.**

**Large Rooted, or Coffee.**—Sow as early in the spring as the ground can be prepared, in rich, friable soil, in drills eighteen inches apart in garden. In the fall dig the roots and cut into small pieces and dry like dried apples. Packets, 5c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c.

**CABBAGE.—(American Grown Seed.)**

This is the most important crop to the market gardener and small grower, and too much caution cannot be exercised in knowing that the seed is reliable and true. Our seed are grown with the utmost care and we know they are fresh, pure, reliable and true to name, and that they have been grown from the heads only and these most carefully selected. One ounce will produce about 2000 plants. For early use, sow the seed in hot beds in January or February, or may be sown about the middle of October, and the plants wintered over in cold frames. Transplant in spring as soon as the ground can be worked, in rows two feet apart, and the plants eighteen inches apart in the rows. For late or winter use the seed should be sown in June and the plants set out in July,  $2\frac{1}{2}$  by 3 feet.

**Improved Early Summer.**—This is, without any exception the best early flat head variety for market use. Is only about eight to ten days later than the large Wakefield with heads double the size, and for shipping to Northern markets no variety will answer as well as the Early Summer. It well deserves its popularity with the market gardeners. Oz 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

**Stein Early Flat Dutch.**—Remarkably fine strain; a sure header, the heads weighing from ten to twelve pounds, are of even size, solid and of good flavor. Truly a market favorite. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.



Improved Early Summer Cabbage.

We pay the postage on all Vegetable and Flower Seed by the packet, ounce, quarter, half and one pound or over, excepting on Peas, Beans, Corn and Bulbs, Grain and Grass Seed.

**Large Jersey Wakefield.**—Forms heads considerably larger than the *Early Wakefield*; they are uniform, large and solid, and only a few days later. This sort is largely planted by market gardeners in the South. It is the *best, large early cabbage*. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

**Extra Early Express.**—A few days ahead of best Wakefield, but can't compete with that sort when it is ready; plant therefore only moderately. It has few outside leaves and can be planted close. Oz., 20c; 2 oz., 35c,  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.75.

**Solid South.**—A magnificent Cabbage similar to the Early Summer in shape, is larger, more uniform, has fewer loose leaves, truer to type, and much slower in shooting to seed in the spring if the seed is sown in the fall. This is a quality which will be particularly appreciated by market gardeners. This splendid heading variety is of excellent quality and well adapted for the family garden as well as trucking. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

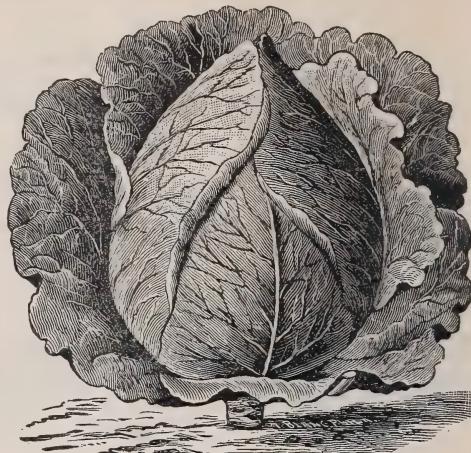
**Selected Early Winningstadt.**—A sure header, conical shape, a general favorite. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

**Early Dwarf York.**—An old favorite; heads heart shaped Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

**Large Early York.**—A superior early-heading, robust sort, 10 days later than Dwarf York. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

**Selected All Seasons.**—As sug-

gested by its name, this variety of Cabbage may be planted early or late, and will produce alike good results. It forms firm, hard, round heads, flattened on the top which do not burst after heading, and is very desirable for a winter keeper. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.



Large Jersey Wakefield Cabbage.



Solid South Cabbage.

**All of the Fruit, Shade and Ornamental Trees and other nursery stock we list, are home-grown, acclimated and will succeed better than Northern grown trees.**

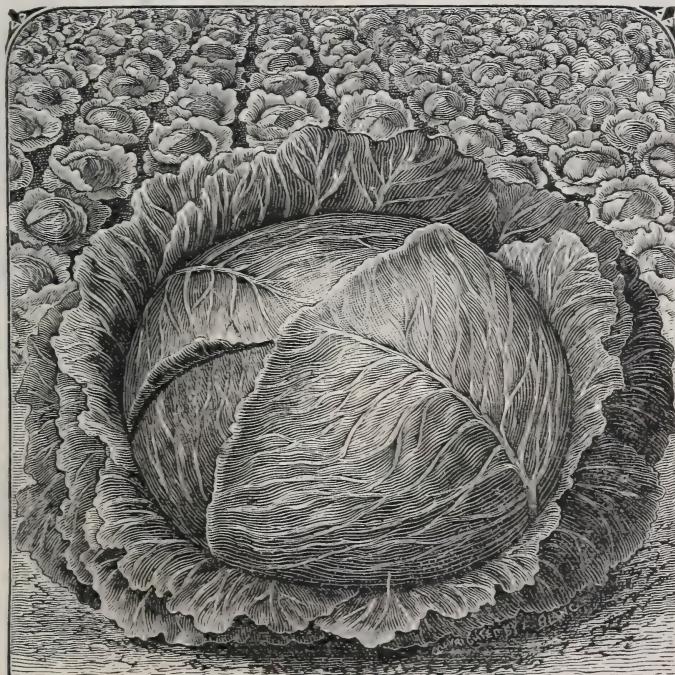
**Selected Early Jersey**

**Wakefield**--One of the best early Cabbages in cultivation. It forms fine solid heads of good size, conical in shape, with very few outside leaves, and of the best quality. Our strain is remarkably pure; warranted to give satisfaction. Oz, 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

**Succession Cabbage.**--A fine second early variety, forms a large, solid head, and on account of its having so few outer leaves can be planted closer together than most any other sort. For uniformity, reliability in heading and quality it has no equal. Ounce, 25c; 2 ounces, 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.



Selected Early Jersey Wakefield Cabbage.



Succession Cabbage.

**SEEDS** RETAIL at wholesale prices. Get your neighbors to order with you. Tell them of the great bargains we are giving. While cotton is so low we are going to divide our profits with you.



Selected Early Drumhead Cabbage.



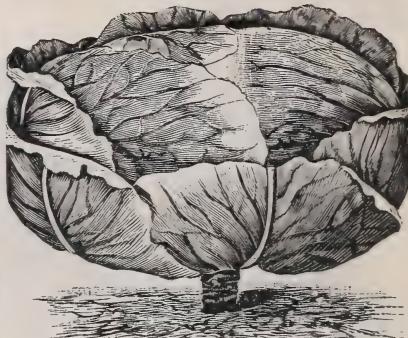
Improved Large Late Drumhead.

**Early Drumhead.**—This popular variety follows the Early Summer in heading and is one of the most valuable varieties grown, forms large, solid rounded heads weighing on an average of fifteen to twenty-five pounds each. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

**Improved Large Late Drumhead.**—Very hardy; excellent for fall and winter planting; heads large, nearly round, compact, of light green color. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.



Early Dwarf Flat Dutch Cabbage.



Short Stem Drumhead.

**Early Dwarf Flat Dutch.**—An excellent second early variety producing fine large heads after the first early varieties have disappeared. Highly valued both for its fine quality and ability to resist heat. Heads very solid, broad and round, flattened on top; tender and fine grained. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75.

**Short Stem Drumhead.**—Heads very large, extra hard, solid, round, flattened on the top, uniform in size and shape, and are always of the finest quality and a sure header. It has a very short stem and grows very compactly, the leaves all turning in to form the head, with very few loose leaves, thus allowing it to be set close together. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

**Mammoth Marblehead.**—One of the largest varieties grown, solid and very compact. Matures late and fine for winter. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50.

**Make your home cheerful and comfortable by planting a few of our beautiful Flowering Bulbs, Shrubs and Evergreens.**

**Improved Late Flat Dutch.**—As a variety for winter market it has no superior and is more extensively grown than any other. Head large, blueish-green, round, solid, broad and flat on top, and often tainted with reddish brown after being touched with frost, they open white and crisp, are tender and well flavored. It is a fall and winter variety, and one of the very best to keep. With good cultivation, on moist, rich ground, ninety-five in a hundred will head up hard and fine. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

**Genuine Surehead.**—This popular Cabbage is rightly named Surehead. It never fails to make a remarkably fine, solid, large head, with few outer leaves. A strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. 1 oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**Luxemburg.**—Makes a very hard head of good size and extraordinary weight, and is remarkable for its keeping qualities when buried over winter. The best sort for late spring sales after all other sorts are gone. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**Green Glaze.**—Glossy green; withstands the ravages of the cut worms better than the other sorts. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

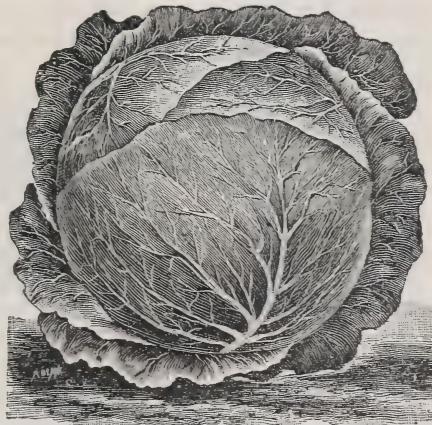
**New Winter Hollander Cabbage.**—This is the favorite winter sort with market gardeners. The heads of this valuable sort are of medium size, averaging a weight of eight pounds, are very solid and deep, and of a fine white color, making them entirely distinct from any other strain. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**Red Dutch Cabbage.**—Forms solid red heads, used mostly for pickling. Ounce, 25c.

**Remember, cheapness invariably depreciates quality, and in nothing more does this apply than in seed.**



Improved Large Late Flat Dutch.



Sure Head Cabbage.



Luxemburg Cabbage.

### SAVOY CABBAGES.

**Large Drumhead Savoy.**—A variety of cabbage producing beautiful curled leaves which when touched by frost, become very tender and delicious in flavor. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

**Market Gardener's Private Stock Drumhead Savoy.**—Finest strain of Savoy. Extra large; especially recommended to market gardeners; makes a good, firm head. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.



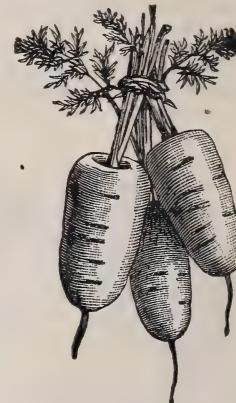
Large Drumhead Savoy Cabbage.

### CARROT.

One ounce to 100 feet drill; two to three pounds to the acre, in drills.

Sow during any of the spring months in drills from twelve to fifteen inches apart, and thin to three or four inches in the drill. Requires deep, rich, mellow soil and thorough culture.

**Improved Long Orange.**—A well-known standard sort; roots long, thickest near the crown, tapering regularly to a point; color, deep orange. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.



Scarlet Horn Carrot.

**Early Scarlet Horn.**—This is the favorite for an early crop; it is of a bright orange color. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Half-Long Scarlet.**—Very popular variety. It is of a deep red color, of perfect form, and exceedingly delicate in flavor. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Ox Heart Carrot.**—The most valuable of all recent introductions; it is of extra fine quality and very productive. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



Improved Long Orange Carrot.

One ounce will produce about 2000 plants. Sow in hotbed early in December, and transplant any time suitable after middle of February. The whiteness of the heads may be retained by bending or tying the large leaves over the head. Our stock is of the very best quality, making a sure head. We do not handle the cheap grade of Cauliflower, which can be bought at one fourth of our prices—such seed is dear at any price. If you cannot afford to buy the best seed, do not plant any at all.

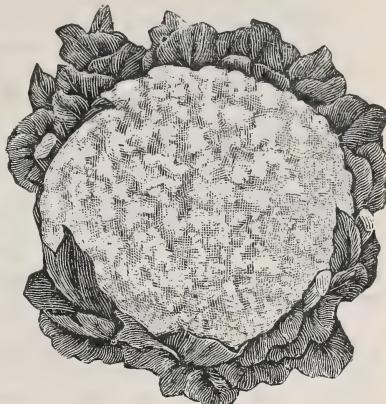
**Gilt Edge Early Snowball.**—The str. in we have of this variety is the *very best to be had*. Well suited for forcing under glass during winter and early spring, or for planting later in the open ground. Packet, 10c;  $\frac{1}{8}$  oz., 50c;  $\frac{1}{4}$  oz., 90c; 1 oz., \$3.00.

**Nonpareil.**—A standard sort for general use, heads very large, white and firm.  $\frac{1}{8}$  oz., 30c;  $\frac{1}{4}$  oz., 50c;  $\frac{1}{2}$  oz., 90c; 1 oz., \$1.50.

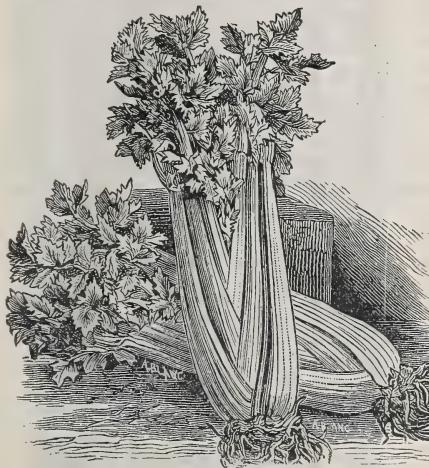
### CORN SALAD, OR FETTICUS.

Sow in September and October and cover thinly with straw when cold weather approaches.

**Large Round Leaved.**—Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.



Early Snowball Cauliflower.



Golden Self-Blanching Celery.

plants when they are three or four inches high, 6 or 8 inches apart in each trench.

**White Plume.**—This new celery is one of the best. By simply tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. It is ornamental, tender, crisp, and of good flavor and very early. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**Golden Self-Blanching.**—The plant is of beautiful appearance, of close habit, compact growth and straight, vigorous stalks; has the decided merit of being self-blanching to a very remarkable degree. Oz., 35c; 2 oz., 60c;  $\frac{1}{4}$  lb., \$1; 1 lb., \$3.25



Southern Collards.



White Plume Celery.

### CELERY.

One ounce will produce about 3000 plants.

Sow in April or May, and rake the seed in lightly; water and shade from strong sun. Prepare trenches two or four feet apart, a foot wide and a foot deep; dig into the bottom plenty of well rotted manure, and set the

plants when they are three or four inches high, 6 or 8 inches apart in each trench.

**White Plume.**—This new celery is one of the best. By simply tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. It is ornamental, tender, crisp, and of good flavor and very early. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**Golden Self-Blanching.**—The plant is of beautiful appearance, of close habit, compact growth and straight, vigorous stalks; has the decided merit of being self-blanching to a very remarkable degree. Oz., 35c; 2 oz., 60c;  $\frac{1}{4}$  lb., \$1; 1 lb., \$3.25

**Large White Solid.**—Attains a very large size, blanches perfectly white, fine flavor, crisp and tender. Oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50

**German or Turniprooted Celery.**—Sow early in spring in light, rich soil, transplant in May into beds (not into trenches like other celery) water freely in dry weather. Packet, 5c; oz., 25c.

**Flavoring Celery.**—Used principally for seasoning, putting up pickles, etc. Oz., 5c; 2 oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 50c.

### COLLARDS.

A species of Cabbage very popular in our Southern States. Sow in spring and transplant and cultivate in the same manner as cabbage. Seed sown in early fall continues growing all winter.

**The Southern, or Georgia.**—The old standard sort which has been in use in the South for years. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**GARDEN AND SWEET CORN.****FOR TABLE USE.**

One quart will plant 200 hills; one peck will plant an acre in hills.

Plant as soon as the ground becomes warm in the spring, in hills about three feet apart; five or six grains to the hill, and when up thin them out. For a succession, plant every two weeks until midsummer.

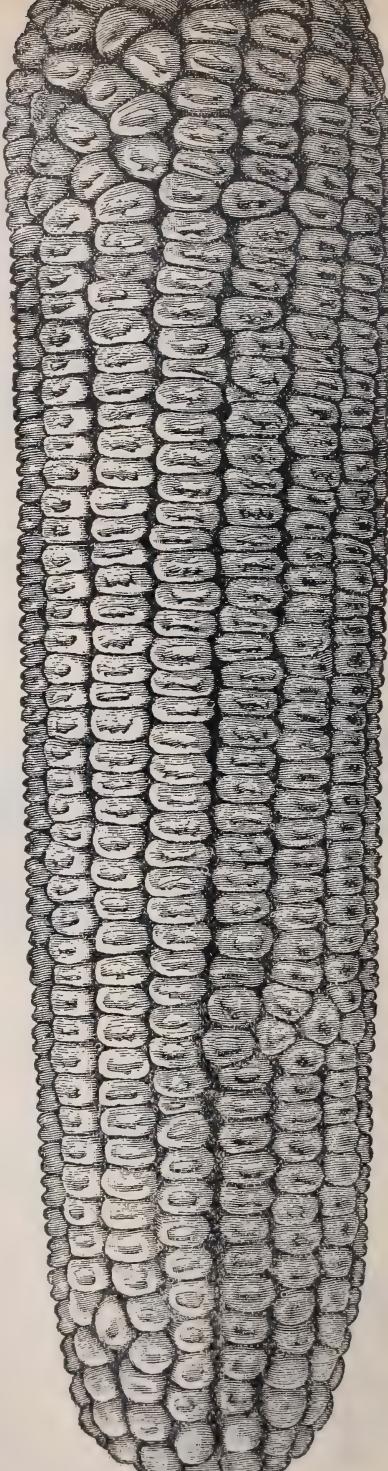
**Express or freight charges on Corn always to be paid by the purchaser. If to be sent by mail 15c per quart must be added to prepay postage.**

**Extra Early Adams.**—The earliest White Corn. Stalks three to four feet high. Not a Sugar Corn, but a decided acquisition so very early in the season. Pint, 10c; quart, 15c; 4 quarts, 50c; peck, 75c.

**Early White Corn (Sweet.)**—Matures for table use in fifty-two days from planting. The ears are of fair size and handsome appearance, the corn is very sweet and of fine quality; we believe this variety to be most profitable for the market gardeners. Pint, 10c; quart, 15c; 4 quarts, 50c; peck, 75c.

**New Early Surprise.**—This new early variety is now the favorite sort for early roasting ears. Matures only a few days later than the large Adams, but it is almost double the size of that well-known kind. The popularity of this fine variety is well earned, having been tested thoroughly by our market gardeners for the past two years and all are now satisfied that they have found a corn that will make early ears of large size and good quality. Stalks grow to a medium height and on good ground will average two good ears. As a field corn it has no equal, it can be planted early as well as late, and will mature hard in 90 days. Another good point when grown for roasting ears is, that it does not turn hard like the Clarke County Champion. Do not fail to plant the New Early Surprise this season. Pint, 10c; quart, 15c; 2 quarts, 25c; 4 quarts, 40c; peck, 65c; bushel, \$2 25.

**BEETS** All how well pleased  
the people are who  
have given our Seeds  
a trial. Have you tried them?



New Early Surprise Corn.

**Adams Early White.**—A very early variety; one of the most profitable variety for early market. Pint, 10c; quart, 15c; 4 quarts, 50c; peck, 75c.

**Nonesuch Sweet.**—This variety will be sure to please, because of the good size of the ears, its strong growing qualities, and heavy yield. It is twelve to fourteen rowed, coming in just after the Cory, with larger ears. Pint, 10c; quart, 15c; 4 quarts, 50c.

**Clarke County Champion Corn.**—After careful tests, we can see no difference whatever in this variety, and Champion Corn sold by other dealers. A favorite variety with market gardeners as a roasting ear, having size, earliness and quality combined. It is also valuable as a field corn, maturing before the drouths in midsummer, being very early. Pint, 10c; quart, 15c; 2 quarts, 25c;  $\frac{1}{2}$  peck, 30c; peck, 50c; bushel, \$1.50.



Adams Early Corn.

**Stowell's Evergreen (Sweet).**—A variety that is more largely planted than any other. It is hardy and productive, very tender and sugary, remaining in a condition suitable for boiling a long time. Pint, 10c; quart, 15c; 4 quarts, 50c; peck, 75c.

**Country Gentleman.**—The ears are not only of good size, but are produced in great abundance, frequently bearing four good ears, while the average is three to a stalk. But the great merit of the "Country Gentleman," corn is its delicious quality; it is, without doubt, the sweetest and most tender of all sweet corn. Pint, 10c; quart, 15c; 4 quarts, 50c; peck, 90c.

**Mammoth or Large Sugar.**—Produces the largest ears of any Sweet Corn; ripens a little later than the Evergreen. Pint, 10c; quart, 15c; 4 quarts, 50c; peck, 75c.

**Pennsylvania Rare Ripe, or Long White Flint.**—Known in some sections as the Hominy Corn. The ears are long, and being of very quick growth, is desirable for second early market. Pint, 10c; quart, 15c; 4 quarts, 50c; peck, 75c.

**Early Yellow Canada.**—Has eight rows and ripens very early. Pint, 10c; quart, 15c; 4 quarts, 50c.

We have also ears of all the foregoing varieties. Price, 5c each. If wanted sent by mail add 5c for each ear extra to pay for postage.

For Field Corn, look under head of Field Seeds in rear of this catalogue. Our stocks this season will be up to their usual standard.



Stowell's Evergreen Sugar Corn.

**Kendel's Early Giant Sweet Corn**—It gives us pleasure to be able to catalogue this new corn. The ears grow to a tremendous size, measuring 8 to 10 inches long, and having twelve to eighteen rows on each cob. Kernels pure white, sweet and tender. It comes in use almost as early as Moore's Concord with ears double the size. Kendel's

Early Giant is beyond doubt the largest early variety yet introduced. The above cut of a few ears need no explanation, the foot-rule telling the whole story. Pint, 15c; quart, 25c; 2 quarts, 40c; 4 quarts, 75c.

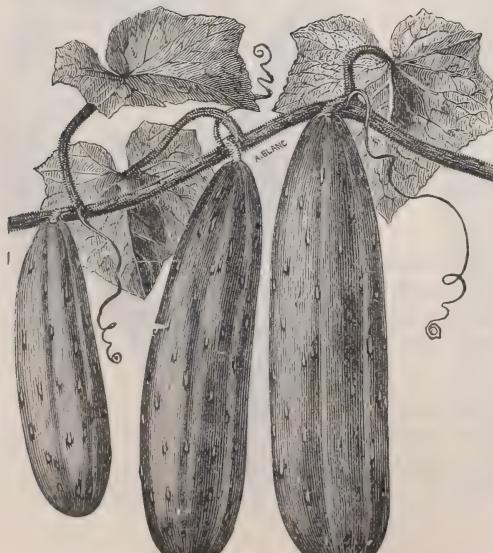
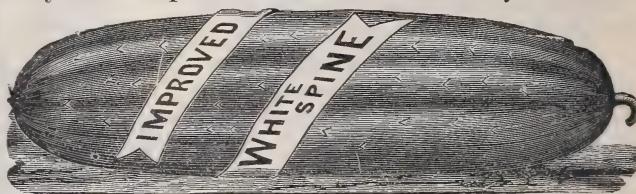


#### CUCUMBERS.

One ounce will plant fifty hills; one to two pounds will plant one acre.

Cucumbers succeed best in warm, rich, sandy loam, and should not be planted in open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way, and when all danger of insects is past, thin out the plants, leaving three or four of the strongest to each hill.

**Improved Early White Spine.**—A favorite market variety. The vines are vigorous and productive, yielding a beautiful deep green fruit of fine flavor, crisp and tender. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.



Improved Long Green Cucumber.

**Arlington White Spine**  
Differs from the Early White Spine in retaining a deep green color in all shapes of growth; medium long, very productive and matures early. Quite a favorite with our market gardeners as it answers either for market, table use or pickling. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

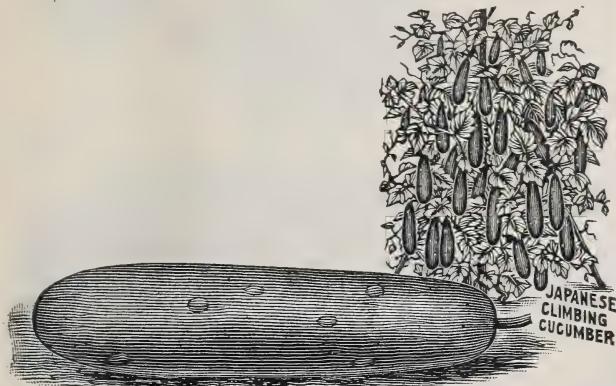
**Improved Long Green.**  
The leading long green cucumber, of excellent quality; dark, green, firm and crisp. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Early Green Cluster.**—Grows in clusters, early. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Early Frame.**—Early and of vigorous growth. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Long Green Turkey.**—Fruit very long and slim. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Westerfield's Chicago Pickle.**—In recent years Chicago has become the center of a very large pickling industry. This variety, originated by Mr. Westerfield, and is preferred for pickling by almost every large pickling factory in that city. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.



Japanese Climbing Cucumber.

**Japanese Climbing.**—The vines are of healthy, vigorous growth, and throw out strong, grasping tendrils, which enable it to climb trellis, or any other suitable support. It comes into bearing early, a single vine producing 25 to 30 splendid, large cucumbers 10 to 12 inches long, of delicate flavor. Skin dark green, flesh pure white; of excellent quality for slicing, and when young, make attractive pickles. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c.

**West India Gherkin.**—(True)—Also known as *Jerusalem Pickle*. Very small, oval shaped, prickly fruits. Used exclusively for pickling. Packet, 5c; oz., 25c.

#### RECIPE FOR PICKLING CUCUMBERS.

Make a brine of one-third of a pint of salt, and four pints of water. Drop as many cucumbers in the brine as it will cover, in which let them remain forty-eight hours; drain the brine off, place them in a porcelain kettle, cover with vinegar (good cider vinegar, only the moderate strong). Let the vinegar come to the boiling point very slowly, then pack the pickles in glass jars, pour the hot vinegar over them, and seal up air tight.

#### BORCECOLE, OR KALE.

Sow from three to four pounds to the acre.



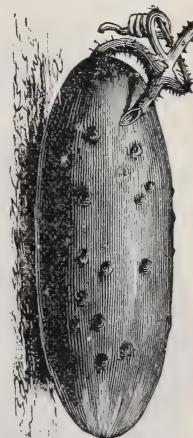
Dwarf German Kale—Curled.

The Kale makes excellent greens for winter and spring use; they are hardy, and sown in September in drills or broadcast; with slight protection stand the winter, and are improved rather than injured by frost.

**Dwarf German Greens.**—(Curled)—Very hardy leaves, curled, highly flavored; extensively grown as winter greens. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



Long Green Turkey Cucumber.



Chicago Pickle Cucumber.

**Tall Green Curled Scotch.**--A popular variety. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

### ENDIVE.

1 ounce will produce 3000 plants

Sow early and thin. Soon as large enough thin to nine inches apart. When leaves are eight inches long tie them together with a string near the top to blanch.

**Green Curled.**--Very ornamental, its leaves being beautifully colored and delicately cut. As a salad, coming in after lettuce is past, it is very useful, and its quality is excellent. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75.



Endive.



Improved New York Egg Plant.



Leek.

### EGG PLANT.

One ounce will produce about 1000 plants.

A tender plant which should be started quite early in a hotbed, or box in the house, which must be kept warm. A good plan is to soak the seeds for six or eight hours in lukewarm water before sowing in the bed. Do not put out doors until nice warm weather.

**Improved New York Purple.**--This is the favorite market variety, of large size, smooth, deep purple skin, free from thorns, white flesh and tender. Ours is the improved strain carefully grown and selected.  $\frac{1}{2}$  oz., 20c; 1 oz., 35c; 2 oz., 60c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.50.

### LEEK.

One ounce will sow 100 feet drill.

A hardy species of onion, sown in drills or broadcast. When six inches high, transplant into rows a foot apart, setting the plants four or five inches deep, and about six inches apart in the row.

**Best Large London Flag.**--Broad leaves, of strong and vigorous growth. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50.

**ORDER** Early. Anticipate your wants. Better have your seeds on hand a few days before you need them than run the risk of their being delayed, for in March and April thousands of orders must be filled, and sometimes stocks become exhausted. Prices cannot be lower.

**KOHLRABI.**

One ounce will sow 200 feet drill.



Kohlrabi.

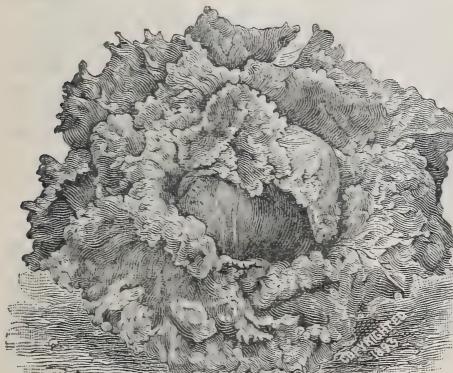
An excellent vegetable. Sow in rows in May or June, eighteen inches apart, thinning to eight inches between the plants.

**Early White Vienna.**—This is the best and earliest variety for table use. Oz., 20c; 2 oz., 30c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**LETTUCE.**

One ounce will produce 3000 plants.

Lettuce is one of the most extensively cultivated plants, and should find a prominent place in every garden; one of its principal requirements being a good, rich soil. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowings may be made in the open ground from April to middle of August, every two or three weeks, for succession.



New Iceberg Lettuce.

ket gardeners, and it is certainly a sort which appreciates quality. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**New Iceberg Lettuce.**—

The large, curly outside leaves are light green, with a slight reddish tint at the edge. The leaves have small indentations which are constantly filled with dewdrops, thus keeping them always fresh and giving them a crystalline appearance, hence its name. The Iceberg is the hardest heading sort we know. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.25.

**Schwill's Market Garden-**

**er's Private Stock.**—A selected strain introduced by us. It has very large solid heads, resisting the sun for a long time before running to seed. This has become the favorite variety with our market gardeners, and it is certainly a sort which appreciates quality. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.



Philadelphia White Cabbage Lettuce.

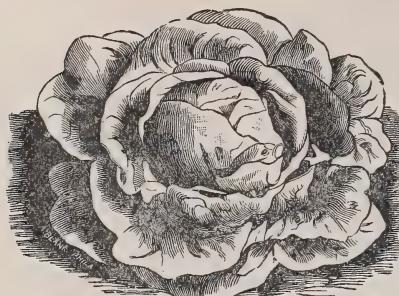
**St. Louis Market.**—The St. Louis Market is a large white cabbage variety, equally valuable for forcing or out of doors; very slow to run to seed; solid heading sort. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**Philadelphia Early White Cabbage.**—A good variety for forc-

ing, and also for summer use being slow to run to seed, and producing fine, greenish-white, well-formed heads of extra quality; sure to head. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

**California Cream Butter.**—Its shape is distinct, heading up like a cabbage, and almost as solid; of a beautiful light green color, almost white, and particularly rich and buttery in flavor, and very tender. It grows rapidly, and is specially recommended for spring and summer use. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75.

**The new Early Surprise Corn is much larger than the Adams Early Corn, and nearly as early. Market gardeners will appreciate this.**

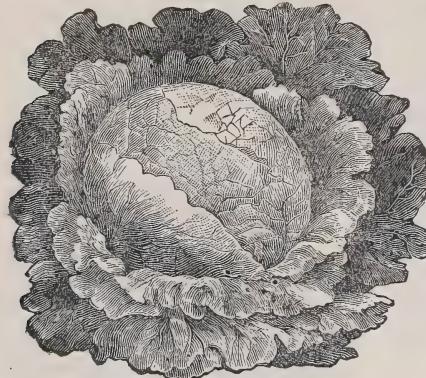


Hubbard Market.



Improved Royal Cabbage Lettuce.

**Hubbard Market.**—One of the best head Lettuce; medium size, round, solid; outer leaves dark green, inner light green. Another market gardener's choice. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.



Large White Cabbagehead Lettuce.

**Hanson.**—The heads are of very large size, deliciously sweet, tender and crisp; heads weigh two and a half to three pounds, and measure about one and a half feet in diameter. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.



Schwill's Hard Head Lettuce.

**Improved Royal Cabbage.**—A good variety, forming fine, large, solid heads, both crisp and fine flavor; stands the heat remarkably well. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

**Prize Head.**—Hardy and of good flavor; forms a large head; leaves crisp and tender Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

**Early Curled Simpson.**—Leaves beautifully crimped, dark green, very tender and crisp. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

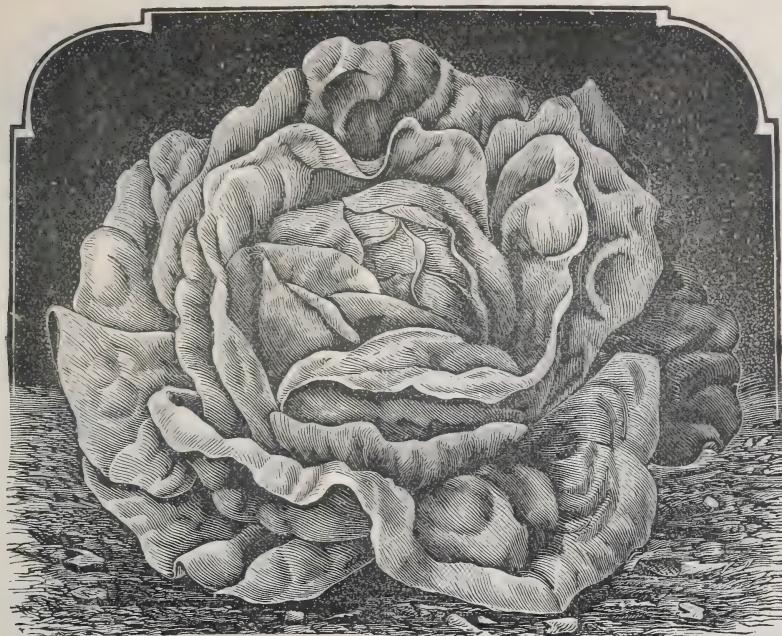
**Large White Cabbagehead Lettuce.**—Produces fine, greenish-white, large heads of extra quality. A market favorite. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

**Schwill's Hard Head Lettuce** is appropriately named, as it is one of the hardest heading of all Lettuces. It grows very rapidly and heads extremely early; the heads are nearly as solid as cabbage. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**Large India Curled.**—Forms an immense plant; the largest variety of the curled varieties; leaves are extremely tender and brittle. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 50c.

**Early Curled Silesia.**—One of the earliest for outdoor planting; very sweet. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

For Hog Cholera try "Boko," a sure cure and preventative.



New York Head Lettuce.

**New York Head Lettuce.**—Forms large, solid heads, often of three to four pounds weight, of a very dark green color outside; inside the leaves are greenish, white, crisp and tender. Oz. 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

#### MUSHROOM SPAWN.

Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry fresh horse manure and lay it in a heap to ferment; turn and mix it well every few days and when well and equally fermented, which will be in from ten to fifteen days, it may be made into a bed four feet wide and about two feet deep, mixing it well together and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 degrees the spawn may be inserted in pieces about the size of a walnut, about two inches deep and six inches apart. Cover with loamy soil about two inches deep and beat it down evenly and firmly. Finish off with a covering of clean straw or hay about a foot thick. Water when necessary with lukewarm water, and expect Mushrooms in from four to six weeks. English in Bricks, per pound, 25c; by mail add 10c per pound.

#### CANTALOUE OR MUSK MELONS.

One ounce will plant about 50 hills—two pounds to the acre.

The soil best adapted to the culture of melons is a warm, rich, sandy loam. Plant in hills five or six feet apart each way, ten or twelve seeds in a hill. When they begin to vine, thin out, leaving only four of the most thrifty. As melons are very sensitive to cold, they should not be planted till the settled warm weather begins—in this latitude about the middle of April. Cultivation should commence as soon as the plants appear above the ground, and be kept up once a week until the vines interfere too much.

Please write your name and postoffice address distinctly.

**Prolific Netted Nutmeg.**—A favorite and profitable early market variety; medium size, deeply netted; nearly round, flesh thick, sweet and of delicious flavor. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

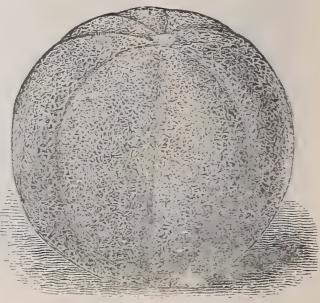
**Tip Top Nutmeg.**—Always sweet, juicy, and of finest flavor. In some respects it is similar to the Emerald Green, but grows larger than that variety, and still retains the quality conceded to the Emerald Gem. As a home melon it has no superior. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



Prolific Netted Nutmeg.



Improved Large Green Nutmeg.

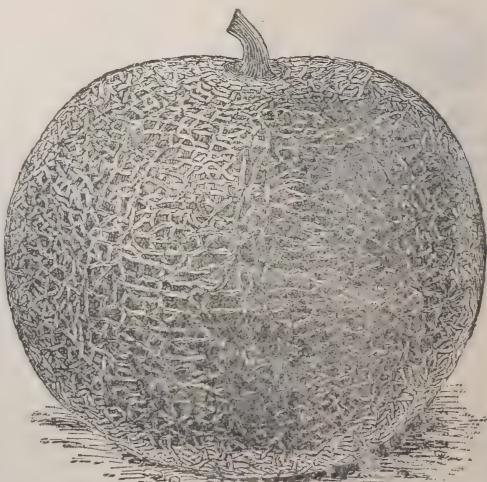


Tip Top Nutmeg Cantaloupe.

**Improved Large Green Nutmeg.**—Larger size, but having all the good qualities of the old Green Nutmeg. Vines vigorous, hardy, productive; fruit very large, round, ribbed, covered with coarse netting; flesh very thick, green, of the highest flavor. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.

**Cosmopolitan.**—This grand, new, green-shaded melon, containing as it does all qualities necessary that go to make up a good one; the most distinct and uniformly handsome melons ever introduced. The hardy vine is wonderfully productive. Of globular shaped melons which are extremely sweet, melting and high flavored. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**Emerald Gem.**—It is deeply ribbed, skin being smooth and of a dense emerald green color. The flesh is salmon color and very thick. It has a rich, delicate flavor. Oz., 10; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



Cosmopolitan Cantaloupe.

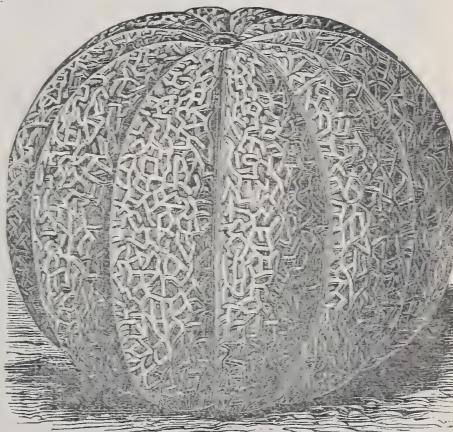
We will be pleased to give you special prices at any time on Grass and Clover Seeds. Write us, stating quantities you will want.

**Acme, or Baltimore.**—A very productive, nearly round melon, the favorite market variety. Of large size, ribbed and heavily netted; a good shipper. Flesh quite thick, light green in color, sweet and of fine quality. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.



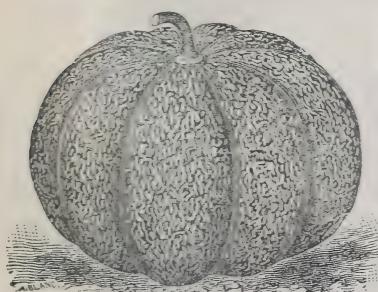
Acme or Baltimore Cantaloupe.

**Grand Rapids Early Market.**—The main characteristic of this melon is its extreme earliness. Grand Rapids is well known on account of its progressive market gardeners and in that wide awake city the Grand Rapids melon has been on the market two weeks earlier than any other sort, and sold readily at \$2.50 per dozen to hotels and fancy grocers, while melons grown in the South were practically unsalable. The flesh is pure yellow, clear to the rind; skin finely netted. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c



Grand Rapids Early Market.

**The Moorehead Nutmeg.**—This variety is too well known to need much description. It is now one of the favorite melons for the home market. Of nutmeg shape, deeply netted, with very thick flesh, of a greenish golden color, which is unusually sweet and luscious. Oz., 15c; 2 oz., 20c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.



Extra Early Hackensack.

**Extra Early Hackensack.**—Produces melons equally as large and with all the good qualities of the well known Hackensack, but two weeks earlier; it is of the nutmeg shape, heavily netted, and has light green flesh of delicious flavor. Oz., 10c, 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.



Grand Rapids Early Market.

**Large Hackensack.**—Grows uniformly to a large size, flattened at the ends; flesh green, of most delicious flavor; very productive. This variety is not so early as our Extra Early Strain. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.

**Early Netted Gem.**—Shape almost a perfect globe, grows remarkably uniform. The flesh is light green in color, and uniformly of fine, luscious flavor; skin green, regularly ribbed and thickly netted. Very productive and extra early in ripening. It is especially suited for shipping in baskets or crates. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.



Early Netted Gem.

## MELONS, WATER.

One ounce to forty hills; three to four pounds in hills for an acre.

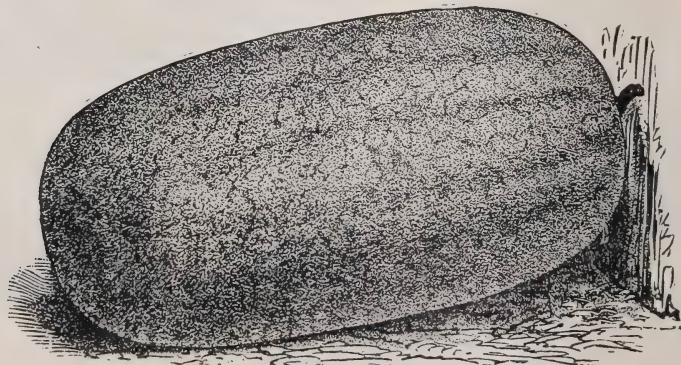
Drop middle of spring, in hills six to eight feet apart, six to ten seeds, one inch deep, and thin to three best plants. Hoe often, and gradually hill up until the vines touch. Generally about the middle of April is the proper time to plant melons in this section.



Texas Queen.

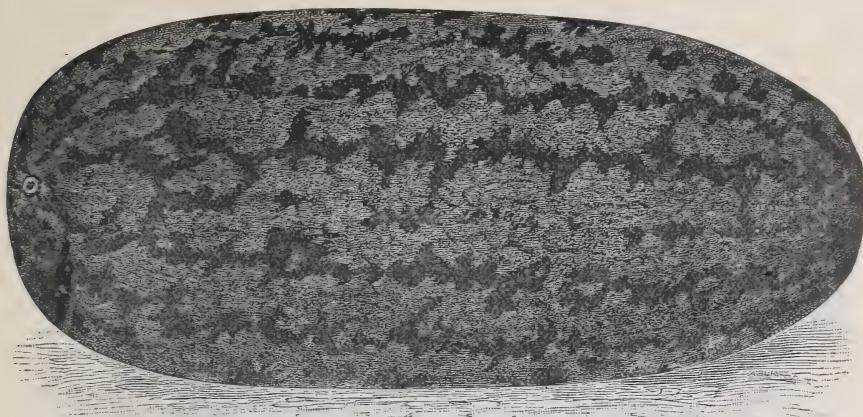
**Texas Queen.**—

A fine large variety from Texas, where it commands the highest prices, in fact no variety will sell when the Queen comes in. Oblong in shape, somewhat roundish, dark green skin, somewhat marbled with a light shade green; its deep red flesh is very crisp, tender, rich and sugary in flavor; always very firm, never mealy. The melons average 50 lbs, some specimens growing to 70 lbs. We have never tasted any variety better or even as good as the Texas Queen. Do not fail to try it. Packet, 10c; Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40; 1 lb., \$1.25.



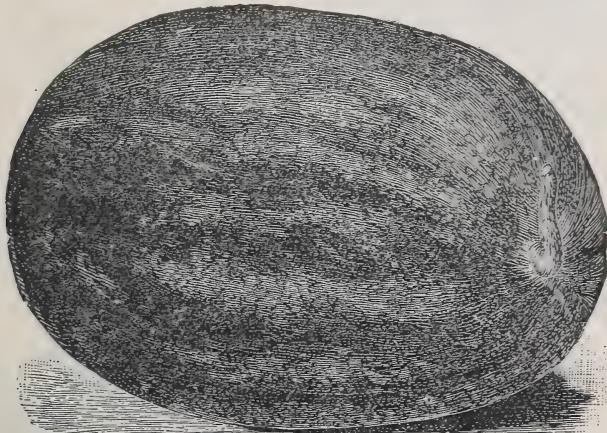
Grist, or Benjes Town Melon.

**The Grist, or Benjes Town Melon.**—This is the old reliable stand-by which melon growers prize the most—no doubt it suits our climate and soils better than some varieties. Always grows to a large size, some specimens weighing sixty to seventy-five pounds; outside appearance of a light mottled green, and the eating qualities of this melon are excelled by none. Its bright red flesh is always tender, brittle, sweet and juicy. This variety is also called by some **The Gray Kid.** Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



McIver's Wonderful Sugar.

**McIver's Wonderful Sugar.**—A new variety from the Carolinas, striped somewhat like the Ratlensake; grows larger than that variety and is of much better quality, and even surpasses that of the Florida favorite. The originator states they often grow two feet long and 12 to 16 inches in diameter. Its crimson flesh is entirely stringless and as sweet as sugar. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c.



Hoosier King.

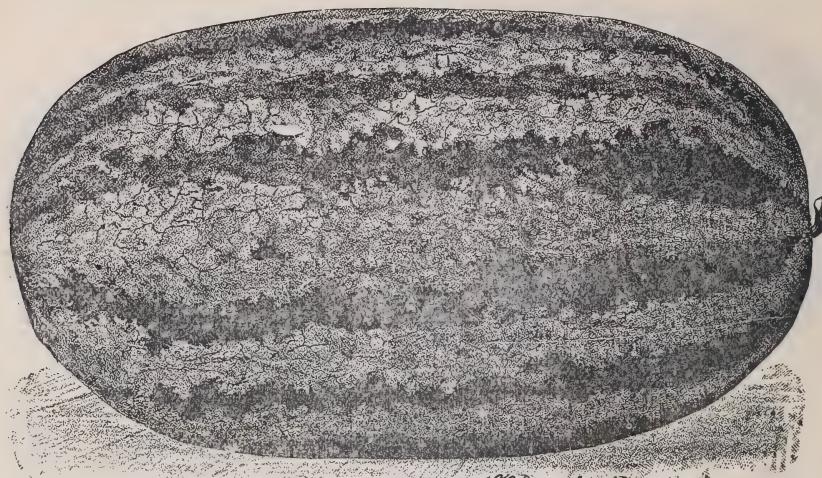
**Hoosier King.**—A distinct variety of mammoth size. A fine shipper or for selling on the home market. Fruit nearly round, of enormous size and excellent quality. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c.

**Mammoth Iron Clad.**—Grows to a large size; the rind, while very thin, is remarkably hard; flesh bright red, crisp and juicy. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Florida Favorite.**—Oblong in shape, flesh light crimson, very crisp and deliciously sweet. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

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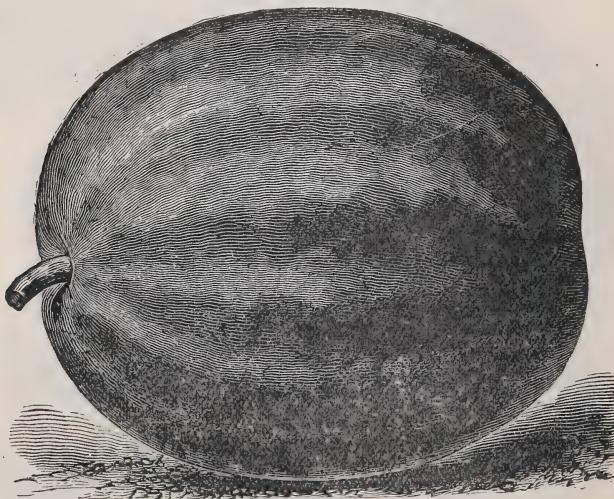
**It will pay you to plant our Improved Cotton Seed.**



*A Blank White*

Improved Dixie Watermelon.

**Improved Dixie.**—A standard and well known sort; grows to good size and its red flesh is always sweet, firm and melting; one of the most productive and salable melon on our list. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.



Sweetheart Melon.

**Sweetheart Melon.**—A fine variety; vines vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Rind thin but firm. Flesh is bright red, firm, solid but very tender, melting and sweet. Seed gray. Do not fail to try this melon; we know you will be pleased. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 65c.

**Our prices on Peas, Beans and Corn by the quart, pint, etc., do not include postage. If you wish them sent by mail, add 15c per quart.**

**Light Icing.**—Fruit uniformly large, flesh red and of excellent quality. A good variety for the home market. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Gypsy, or Georgia Rattlesnake.**—A favorite variety; vigorous grower, and productive. Flesh bright red, skin striped dark and light green. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

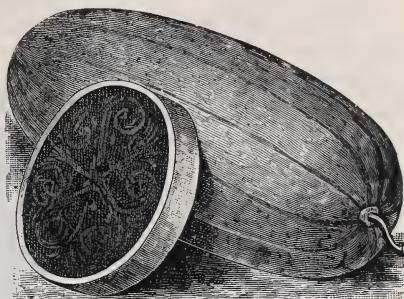
**Kolb Gem Watermelon.**—More largely grown by Southern shippers than any other. The flesh is bright red, and of excellent flavor. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Mountain Sweet.**—An old standard variety, succeeds well in this section. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

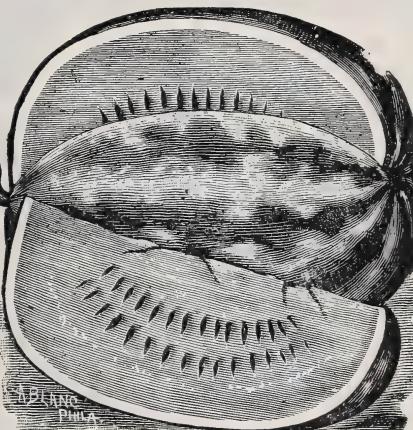
**Mountain Sprout.**—Oval, large bright scarlet, striped, good keeper. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Peerless, or Ice Cream.**—A good, early melon, and very popular in some sections. For family use or growers who sell direct to consumers, this is one of the best. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Phinney's Early.**—A valuable variety for early use; fruit medium size, oblong; flesh light red, tender and crisp. A sure cropper and ripens before any other variety. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.



Light Icing Melon.

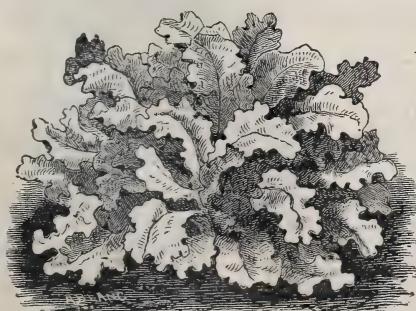


Kolb Gem Melon.

## MUSTARD.

One ounce will sow about eighty feet of drill.

**Culture.**—For early salad sow in February, and for general crop, at intervals through the spring, in rows six inches apart, and rather thick in rows.



Mammoth Curled Mustard.

**Southern Giant Curled.**—This Mustard is very highly esteemed. Our stock is the true curled leaf; produces plants which often grow two feet high and of greater breadth, forming enormous bunches. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.

**White.**—Leaves cut and rounded; excellent for salads and garnishings. White seed. Oz., 5c;  $\frac{1}{4}$  lb., 15c; 1 lb., 35c.

**Black (or Brown).**—Leaves oblong, broad and cut. Seed reddish brown. Oz., 5c;  $\frac{1}{4}$  lb., 15c; 1 lb., 35c.

**White Mustard Seed.**—For pickling purpose.  $\frac{1}{4}$  lb., 10c; 1 lb., 25c.

Do not overlook the business cards of some of our best merchants on the pink pages. Mention this Catalogue when writing to them.

**OKRA, OR GOMBO.**

One ounce will plant 100 hills.

**Culture.**—In mild climate plant late in the spring, after the ground has become warm, in hills about two and a half feet apart, and thin to three plants in a hill.

**Dwarf Green.**—Early; pods short and very numerous. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**White Velvet Pod.**—The most beautiful, prolific, smooth, round pod Okra known. It is exceedingly tender and well flavored Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**Tall, or Long Green.**—Pods, long, slender. This, we think, is the best variety for our climate. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.



White Velvet Okra.

**MARTYNIA, FOR PICKLES.**

Sow in May in the open ground, about three feet each way, where the plants are to remain.

**Martynia Proboscidea.**—Packet, 5c; oz., 25c.

**ONION SETS.**

One quart to 20 feet of drill; 8 to 12 bushels depending on size, to set an acre in drills.

Mail, express or freight charges always to be paid by the purchaser.

On account of the early publication of this Catalogue we can not guarantee prices given, but to avoid unnecessary delay and writing, we will fill orders sent, and will give as many as the net amount will pay for. If Onion Sets are wanted to be sent by mail 10 cents per quart must be added to prepay postage.

**Yellow Danver's Onion Sets.**—Quart, 15c; 4 quarts, 40c; peck, 75c; bushel, \$2.50.

**Red Wethersfield Onion Sets.**—Quart, 15c; 4 qts., 40c; peck, 75c; bushel, \$2.50.

**White Bottom Sets.**—Quart, 15c; 4 qts., 50c; peck, 90c; bushel, \$3.50.

**Red Top, or Button Onion** are the little round bulbs growing on the top of the stalks, planted early in the spring will produce large Onions. Quart, 20c; peck, \$1.25; bushel, \$4.00.

**Potato Onion.**—Valuable for an early crop; of mild, sweet flavor and highly esteemed by many. Quart, 15c; peck, \$1.00; bushel, \$3.50.

**French Shallots.**—A small size onion which grows in clumps and used in its green state for soups, stews, etc. In fall of the year the bulbs are divided and set out in rows a foot apart and three to four inches in the rows. Quart, 15c; peck, 60c; bushel, \$2.00.

**White Multiplying Onion.**—Very fine for green onion, making an extra quick growth, of a mild flavor, can also be planted in September, and will grow during the winter months. Quart, 15c; peck, \$1.00; bushel, \$3.25.

**Chives (Schnittlauch).**—The Chives are small and not very important members of the onion tribe, quite hardy everywhere. Per doz. bulbs, 25c; by mail, 10c extra.

## ONIONS.

One ounce will sow 100 feet of drill. Four pounds to the acre.

**FULL-SIZED ONIONS THE FIRST YEAR.**—All the American seed we offer will grow full-sized onions the first year. To do this they should be sown as soon as possible in the spring. Sow thinly, four or five pounds to the acre, in drills, one foot apart and about one-quarter of an inch deep, in strong land, well manured, and thin out to stand three or four inches apart in the drills, keeping them well hoed and free from weeds.

To raise Onion Sets, which can be done well in this country, sow seed very thick in wide drills about the 1st or 15th of May. We would not advise the sowing too early; that causes them to grow too large.

**FALL SOWING.**—Seed can be sown in August and September, in drills, wide enough apart to admit of working; when the plants have grown of sufficient size to be fit for table use, thin out to four inches apart.

**Large Red Wethersfield.**  
This is the standard variety. Large size, skin deep purplish red, form round, somewhat flattened, flesh purplish white. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.15

**White Silverskin.**—A silvery white onion of handsome appearance, mild and sweet. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.75.

**Southport Large White Globe.**—True globe-shaped; grows to a large size; of mild flavor and a good keeper. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 65c; 1 lb., \$2.00.

**Large Red Globe.**—A large red globe-shaped variety, and the best keeper. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.



Yellow Danvers Globe.

**Yellow Danvers Globe.**—A very handsome, large, globe-shaped variety, very productive. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.10.

If the "first-class" farmer would maintain his rank, he must keep on studying and learning all the time.

## ITALIAN ONIONS.

**Mammoth Pompeii Onion.**—Another new Italian variety of enormous size; beautiful copper color; flesh pure white fine grained and mild. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.75.

**Mammoth White Garganu.**—A mammoth flat-shaped, silvery-white Italian variety. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

**Mammoth Red Garganu.**—Grows to enormous size. A favorite variety with our market gardeners. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.75.

**Prizetaker.**—A variety introduced but a few years ago, which proves to be an excellent keeper of finest flavor, handsome shape and an enormous size. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50.

**Red Giant Rocca.**—A very fine large variety, of globular shape, red skin; the market gardener's favorite. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50.

**White Mammoth Silver King.**—Very large, and it is of attractive shape, with a very white skin. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50.

**True Red Bermuda Onion.**—Of a rich blood red color, fine grained, mild and pleasant. Oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50.

**White Marzajola.**—A distinct variety, much used by our gardeners for bunching onions; the most rapid grower of this species. Oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

## PARSLEY.

One ounce will sow 150 feet of drill.

**Culture.**—A rich and tolerably deep soil is best for this crop. Soak the seeds a few hours in tepid water, and sow early in the spring in drills a foot apart. The seed germinate very slowly, and sometimes two or three weeks will elapse before the plants make their appearance. It often fails entirely in dry weather.

**Extra Dark Moss-Curled Parsley.**—A new variety, beautifully curled and crimped, and extra dark green color. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c.

**Curled, or Double.**—Leaves crimped and curled; used principally as a garnish for the table. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Plain Parsley.**—Dark green, better flavored for seasoning. Valuable for feeding sheep. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

## PARSNIP.

One ounce will sow 200 feet of drill; five pounds required for one acre.

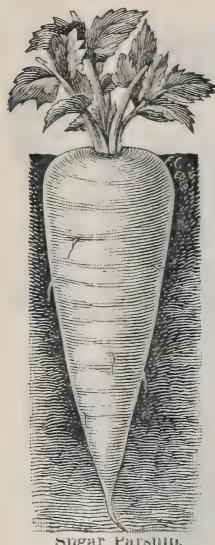
**Culture.**—The Parsnip, with its long, slender roots, thrive best in a deep, mellow soil. Make the soil very fine and sow the seed early in the spring in rows fifteen inches apart, covering the seed half an inch deep; thin out the plants when well up, to five inches apart in the rows.



Mammoth Pompeii Onion.



Double Curled Parsley.



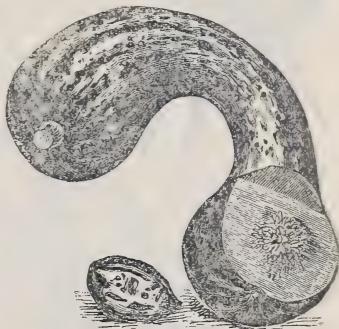
Sugar Parsnip.

**Sugar, or Hollow Crown Parsnip.**—Roots very long, white, smooth, tender, sugary, and most excellent flavor. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

### PUMPKINS.

One pound will plant 200 to 250 hills; 4 to 6 pounds are required to plant one acre.

**New Japanese Pie Pumpkin.**—This remarkable variety, from Japan, has proven a valuable addition to our pie and cooking pumpkins. The flesh is **very thick**, of a rich, salmon color, and nearly solid, the seed cavity being very small. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.



Japanese Pie Pumpkin.

**King of the Mammoth.**—Grows to an immense size. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb. \$1.

**Cashaw Crook-Neck.**—Medium size; color light yellow, and is the best variety for table use. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Kentucky Large Yellow Field.**—Is the common round variety cultivated by our farmers in their cornfields. Pint, 10c; quart, 20c; 4 quarts, 65c; peck, \$1.00.

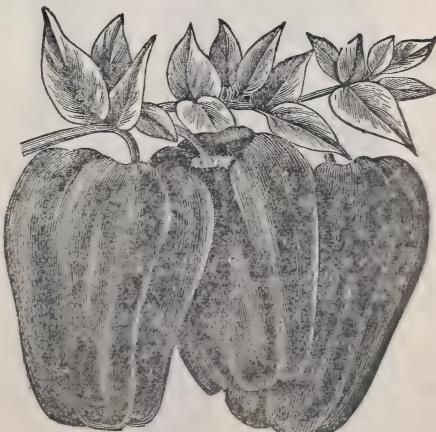
**Tennessee Sweet Potato.**—Similar to the Common Crooked Neck Squash. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

### PEPPERS.

One pound will produce 2000 plants.

**Culture.**—Sow early in spring in a hotbed, in shallow drills six inches apart, and transplant to the open ground as soon as the weather is warm and settled. The seed may also be sown in the open ground, but not until all danger of frost is past.

**Mammoth Ruby King Mango.**—The largest of all varieties. They grow four to six inches long by three to four inches thick. When ripe they are beautiful, bright, ruby red color, and are always remarkably mild and pleasant to taste. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.25.



Ruby King Pepper.

**Large Sweet Mountain.**—Very large and excellent for mangoes. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

**Procopp's Giant.**—A mammoth sized pepper, the pods of which grow six to eight inches long and two inches in diameter; of a glossy scarlet color, and mild and sweet. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c.

**Large Bell, or Bull Nose.**

Of large size, flesh thick, hard and pungent. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 65c; 1 lb., \$2.00.



Long Cayenne Pepper.

**Long Red Cayenne.**—Grows about four inches long; color bright red, strong and pungent. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 65c; 1 lb., \$2.00.

**Red Chili.**—Used in the manufacture of pepper sauce. Pods sharply conical, and exceedingly pungent when ripe.  $\frac{1}{2}$  oz., 25c; 1 oz., 40c.

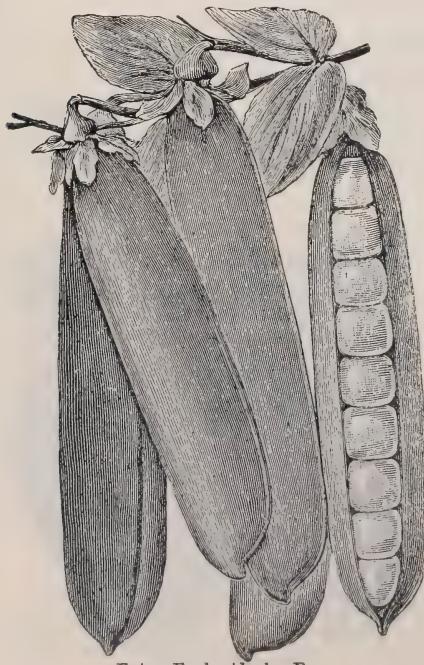


Bell, or Bull Nose Pepper.

**GARDEN PEAS.**

One quart to 100 feet drill;  $1\frac{1}{2}$  bushel to the acre.

*Express or freight charges always to be paid by the purchaser. If to be sent by mail, 15 cents per quart must be added to prepay postage.*



Extra Ear'y Alaska Pea.

**Culture.**—Peas for early crop should be planted in the spring as soon as the ground can be worked, in light, rich soil. For private use, sow in double rows eighteen inches apart; for market in single rows two to three inches deep, and from two to three feet apart. Fresh manures should not be used, as they have a tendency to cause the vines to grow too rank and tall.

**Extra Early Alaska.**—Here is, no doubt, the market gardeners' favorite for early shipping; extra early in ripening, and the pods hold their dark green color longer than any other sort; seed round, green; height, two feet, pods fine shape, dark green color, remarkably well filled. Pint, 10c; quart, 20c; 4 qts., 50c; peck, 85c; bushel, \$3.00.

**First and Best.**—Extremely early, productive, and ripen all the same time; two and a half feet. Pint, 10c; quart, 20c; 4 quarts, 50c; peck, 75c; bushel, \$2.75.

**Extra Early Rural New Yorker.**—Height, two and one-half feet; seed white, slightly dented. Pods of fine shape, large, uniform in growth and ripening; 85 per cent. can be taken at the first picking. Pint, 10c; quart, 20c; 4 qts., 50c; peck, 75c; bushel, \$2.75.

**Improved Extra Early Puritan.**—A distinct variety introduced by us some years ago. Extra early in ripening, very productive and is quite a favorite with our market gardeners. Pint, 10c; quart, 20c; 4 quarts, 50c; peck, 85c; bushel, \$3.00.

**Philadelphia Extra Early.**—A very early and desirable sort; bears abundantly; height two and a half feet. Pint, 10c; quart, 20c; 4 quarts, 50c; peck, 75c; bushel, \$2.75.



Maud S.

**Maud S.**—After a careful test, we can safely place this variety at the head of our list. It is the first early pea in the market—a few days ahead of any strain of First and Best. Height two and one-half feet, bearing abundantly large, straight pods, well filled with peas of a superior flavor. It is also very uniform in ripening its pods, fully 90 per cent. can be taken at one picking. Pint, 10c; quart, 20c; 4 quarts, 50c; peck, 90c; bushel, \$3.00.

**Premier Extra Early.**—One of the earliest varieties. Vines two to two and one-half feet, stocky and vigorous. Pint, 10c; quart, 20c; 4 quarts, 50c; peck, 75c; bushel, \$2.75.

We pay postage on all Vegetable and Flower Seed by the pound, half pound, quarter pound, ounce and packet at prices given in this Catalogue, except on Peas, Beans and Corn. If these are wanted by mail, send extra money for postage at rate of 15 cents per quart.

**Extra Early American Wonder.**—(Wrinkled)—The earliest wrinkled variety in cultivation. Of sweet and delicious flavor, growing from twelve to eighteen inches high. Pint, 15c; quart, 25c; peck, \$1.25; bushel, \$4.50.

**Extra Early Tom Thumb Dwarf.**—True, tender and of good flavor. Height, eight to twelve inches high. Pint, 15c; quart, 25c; 4 quarts, 75c; peck, \$1.25.

## Early and Medium Varieties.

**Improved Daniel O'Rourke.**—The old popular variety; resembles First and Best in many respects. Pint, 10c; quart, 20c; 4 quarts, 50c; peck, 75c; bushel, \$2.75.

**Early Frame and Early May.**—The old standard varieties. Productive, tender, sweet and delicious. Height, about three feet. Pint, 10c; quart, 20c; 4 quarts, 50c; peck, 75c; bushel, \$2.75.

**McLean's Little Gem.**—(Wrinkled)—Second early, maturing for table use in fifty-four days; height fourteen inches. Pint, 15c; quart, 25c; 4 quarts, 75c; peck, \$1.25.

**McLean's Advance.**—(Wrinkled)—A very fine variety, two weeks earlier than the Champion of England, and exceedingly luscious in flavor; three feet. Pint, 10c; quart, 20c; 4 quarts, 50c; peck, 90c; bushel, \$3.25.

**Pride of the Market.**—(Wrinkled)—This is a strong growing variety which cannot be over praised, attaining a height of from fourteen to eighteen inches. Most useful to amateurs who have not much space, and to market gardeners, as they require no sticks. Not only is it productive, but the pods are very large and handsome in appearance and very early. Pint, 15c; quart, 25c; 4 quarts, 75c; peck, \$1.25.

**Carter's Premium Gem.**—(Wrinkled)—An improvement on the Little Gem, being more robust and producing longer pods. Pint, 15c; quart, 25c; 4 quarts, 75c; peck, \$1.25.

**New Everbearing.**—(Wrinkled)—A variety maturing soon after the Gems, and continuing a long time in bearing. Vine stout, about eighteen inches high, bearing at top six to ten broad pods. If these are removed as they mature; and the season and soil are favorable, the plant will throw out from the axil of each leaf, branches bearing pods which will mature in succession, thus prolonging the season. Pint, 15c; quart, 25c; 4 quarts, 75c; peck, \$1.25.

**Champion of England.**—(Wrinkled)—An old standard variety; height, three to four feet; fine flavor; a good market pea. Pint, 10c; quart, 20c; 4 quarts, 50c; peck, 75c; bushel, \$2.75.

**Large White Marrowfat.**—Similar to the Blackeyed in all its features, not quite so productive. Pint, 10c; quart, 15c; 4 qts, 35c; peck, 60c; bushel, \$2.25.

**Large Blackeyed Marrowfat.**—Vines vigorous, hardy and strong. A great cropper. Pint, 10c; quart, 15c; 4 quarts, 35c; peck, 60c; bushel, \$2.25.

## EDIBLE PODDED SORTS.

All edible podded varieties are used either shelled or cooked in the pods like string beans, and, when young, are very tender and sweet.

**Melting Sugar.**—This new variety is ahead of all other Sugar Peas, not only in the size of pod and prolific bearing, but also for its delicious flavor. It grows to the height of five feet, bears a profusion of very large, broad, handsome, light green (nearly white) pods. Sweet and tender; cooked like wax beans.  $\frac{1}{2}$  pint, 10c; pint, 15c; quart, 25c.



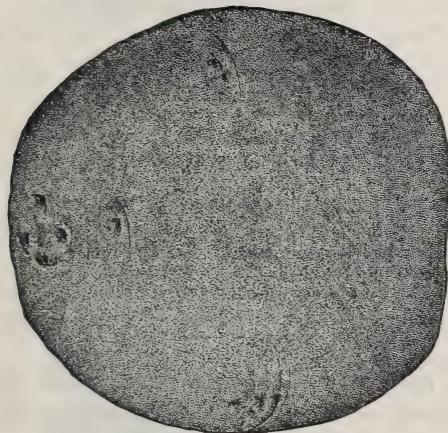
New Everbearing Pea.

### POTATOES.

Ten bushels cut tubers will plant an acre.

**Culture.**—The Potato requires a rich, sandy loam with very liberal and clean culture; thoroughly decomposed manure is the best. A mixture of Cotton Seed Meal and our Chicora Phosphate with Potash, about half and half, makes the best fertilizer for the spring crop of potatoes. Do not fail to try this formula. For a second or fall crop plant during August any time, even as late as September 1st will do. Plant the small potatoes whole, but be sure and bleed them a little, which is done by pricking them on one side.

We quote the following varieties subject to change of market. Write for our special figures on lots before buying elsewhere. We make a specialty of Seed Potatoes, and know we can please you.



Early Bliss Triumph Potato.

**Bliss Early Triumph.**—This variety has taken the lead over all others for earliness and productiveness. So rapidly has this sort grown in popular favor that last season we were unable to supply the demand. It is of handsome shape and appearance, superior in quality, and admirably adapted to our Southern soil and climate. It is at least a week earlier than the Early Rose, and is rapidly becoming one of our most popular sorts. With us the past season the Southern grown seed of this sort yielded more than any of the twenty varieties tested. We offer the second crop seed of this celebrated variety, which experience has shown them to be far superior to the Northern grown stock in all respects. Crop is very short this season owing to

the extreme dry weather. Peck, 60c; bushel, \$2.00; barrel, \$5.00.

**White Triumph, or Acme.**—A hybrid of the Bliss Triumph and Peerless, having the yielding feature of the first named, and all the table qualities of the latter, with size combined. Outside skin white, which makes it a more desirable sort than our Red Triumph. Peck, 60c; bushel, \$2.00; barrel, \$5.00.

**Early Ohio.**—A magnificent early potato, and deservedly one of the most popular sorts. It is a week earlier than the Early Rose, which it resembles in color, but is a little rounder in shape. It has an advantage in being fit for use and sale before being fully ripe. It is one of the best early potatoes grown either for market or family garden. Peck, 50c; bushel, \$1.50; barrel, \$3.50.

**Genuine New York Peerless.**—A well-known productive, second early variety. Peck, 50c; bushel, \$1.25; barrel, \$2.75.

**Henderson's Early Puritan.**—Something extremely early; the tubes are handsome, perfectly white, and its cooking qualities are the very best, being very mild flavored and as dry as a ball of flour. Peck, 50c; bushel, \$1.50; barrel, \$3.50.

**New York Early Rose.**—Our stock of this popular variety is obtained from New York, where we find them in their original purity. Peck, 50c, bushel, \$1.25; barrel, \$2.75.

**King of the Earliest.**—A seedling of the Ohio, Jr., of better quality, far more productive and two weeks earlier. This splendid new variety is no doubt the earliest variety, no exception, yet introduced. Its table qualities are of the highest order, has no hard parts and no hollow hearts. For early market, this is a most excellent variety. Peck, 60c; bushel, \$1.75; barrel, \$3.75.

**Early Fortune.**—A seedling of the early Rose, strong vigorous grower and more productive than its parent, ripens very early, several days ahead of the Early Rose. Customers who tested this excellent new potato last season were highly pleased. Peck, 75c; bushel, \$2.00; barrel, \$4.75.

**Early Michigan.**—The earliest white variety, and no sort can approach it in its delicate flavor. Ripens a week ahead of the Early Rose and is far more productive than that old sort. A leading trucker in Virginia wrote, they were ahead of any variety he tried and far more productive. It is well adapted to any kind of soil. Peck, 75c; bushel, \$2.25; barrel, \$5.00.



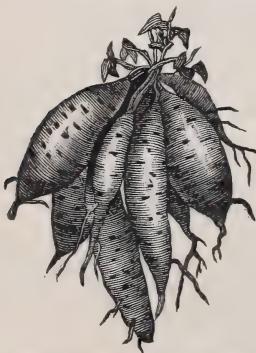
Early Six Week's Potato.

**Burbank's Seedlings.**—A white skinned variety, rather late. Cooks dry and mealy. Peck, 40c; bushel, \$1.00; barrel, \$2.50.

### SWEET POTATOES.

Special prices on large quantities.

We have plants or slips of all varieties listed in season in any qualities. About 14,000 plants will set an acre. Write us for prices in season.



Bunch Yam Sweet Potatoes.

**New Bunch Yam Potato.**—With each year the popularity of this valuable Yam Sweet Potato increases. It is very early, hardy, and a vigorous grower; very prolific. Vines do not run, grow erect. Can be cultivated with a plow as easily as corn. As the potatoes bunch in the ground, will stand close planting. The Bunch Yam is fully six weeks earlier than the old-fashioned Yellow Yams, and will make a larger number of bushels per acre than the old variety. In quality they are sweet and sugary, in every respect equal to the Vining Yams. Half peck, 40c; peck, 75c; bushel, \$2.00; barrel, 2½ bushels, \$4.50.

**Yellow Yam.**—The best for our Southern soil; very sweet; a favorite variety for all. Peck, 50c; bushel, \$1.25; barrel, \$3.00.

**Strasburg White.**—The earliest of the white sort. The market gardener's favorite. Peck, 40c; bushel, \$1.15; barrel, \$2.75.

**Red Brazilian.**—Very early and of large size. Half peck, 40c; peck, 75c; bushel, \$2.00; barrel, \$4.00.

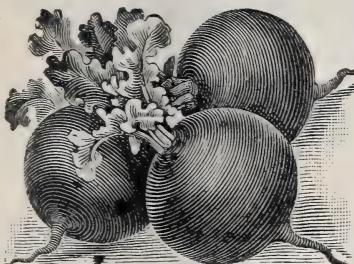
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We will make special prices on large lots of all varieties of Potatoes. Write to us stating quantity you wish.

**RADISH.**

One ounce to about 100 feet drill; 6 to 8 lbs. for an acre.

The soil for Radishes should be very rich, light, mellow and well broken. For very early use sow in February, and at intervals of ten or twelve days for a succession. Can also be sown in the fall.



Early Scarlet Turnip Radish.

variety Red Turnip-shaped Radish, with a small top and of very quick growth; mild and crisp. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Early Scarlet Turnip, White Tipped.**—A beautiful variety, deep scarlet, with white tip. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Early Scarlet Turnip.**—The standard



Scarlet Turnip, White Tipped.

**Non Plus Ultra.**—The earliest forcing Radish in cultivation. Roots round deep, rich red. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**French Breakfast.**—One of the best varieties for early forcing; its form is oval; scarlet color, tipped with white. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Half Long Deep Scarlet.**—A fine extra Early Radish. The skin, of bright red color; crisp, solid, white flesh; very handsome form. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**Early White Turnip.**—The same as the Red Turnip, excepting in color. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.

**New White Strasburg.**—A very desirable new summer Radish, very early. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

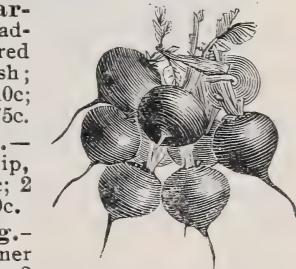


French Breakfast Radish.

**Long Brightest Scarlet White Tipped.**—The brightest and handsomest scarlet color we have seen in any Radish. Makes roots fit for use in about twenty-five days; flavor is very mild and market gardeners should use this for early planting as its color alone makes it sell; can be used either for forcing or planting out doors. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



Long Brightest Scarlet W. T.

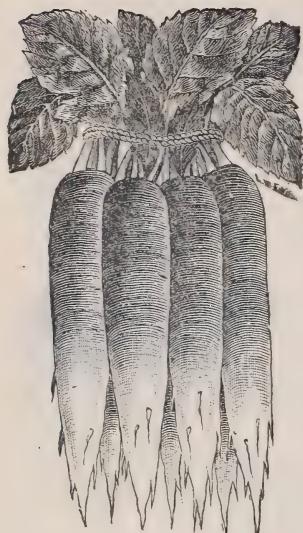


Non Plus Ultra Radish.



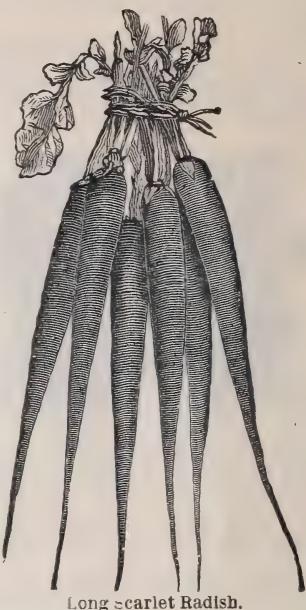
Yellow Turnip Summer Radish.

**Yellow Summer Turnip.**—Will stand the heat; it is a general favorite with market gardeners. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.



Improved Chartier Radish.

**I m p r o v e d  
Chartier.**—One of the most distinct varieties; color, scarlet at top, shading to pink at center, and white at tip. It will keep crisp, tender, and retain a mild and pleasant flavor. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.



Long scarlet Radish.

### FALL OR WINTER RADISHES.

**Rose Colored China Winter.**—Of a lively rose color; flesh firm and pungent. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**Spanish Winter Long Black.**—Of very large size and firm texture. Store in sand in the cellar for winter use. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Spanish Winter Round Black.**—Similar to the above, except in shape. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Mammoth Long White Spanish.**—Mild and hardy. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



Victoria Rhubarb.

### RHUBARB.

**Culture.**—Sow in drills one foot apart; one inch deep; when a few inches high thin to a foot apart. One ounce seed for 60 feet of drill.

**Victoria.**—Large and tender. Packet, 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50. If roots are used, a crop may be had after one season, which is much better than sowing seeds. Large Roots, 10c each; dozen, \$1.00.

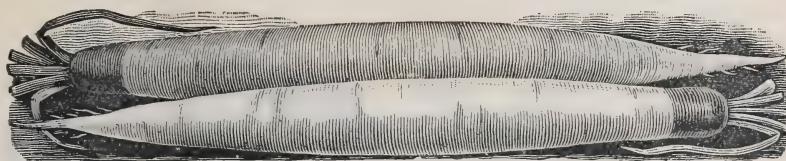
Chlnese Rose Radish  
(Winter.)

### SALSIFY, OR OYSTER PLANT.

One ounce will sow fifty feet of drill; 6 to 8 lbs. to an acre.

**Culture.**—Sow the seed in light, deep soil early in spring, in drills twelve inches apart and one inch deep, thinning out the young plants to six inches.

**Mammoth White.**—A well-known and standard sort.  $\frac{1}{2}$  oz., 10c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50.

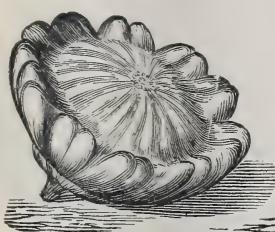


Mammoth Sandwich Island Salsify.

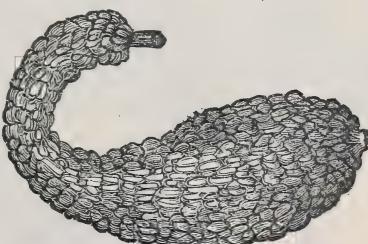
**Mammoth Sandwich Island.**—A new and improved type, producing roots of nearly double the size and weight of the old variety, and of equally good quality  $\frac{1}{2}$  oz., 10c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50.

### SQUASH.

One ounce will plant 40 to 50 hills (depending on size of seed) three to four pounds to the acre. Sow about the middle of spring, in hills—the early sort about four feet apart and the late varieties six to eight feet.



Early White Bush Squash.



Yellow Summer Crookneck Squash.

**Early White Bush or Patty Pan.**—Is earlier than any other variety, of dwarf habit, very productive. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**Yellow Summer Crookneck.**—One of the best summer varieties, golden in color, flavor superior. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 65c.

**The Hubbard.**—As a winter squash it cannot be too highly extolled. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

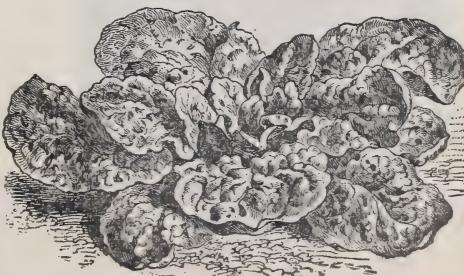
**Boston Marrow.**—A good late variety; keeps well. Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

### SPINACH.

One ounce to sixty feet of drill; 8 to 10 pounds to the acre.

**Culture.**—For an early summer crop, sow early in the spring, in drills, one foot apart, and thin out to two inches in the row. For winter and early spring crop, sow either broadcast or in drills about the first of September, or later.

**New Long Standing Spinach.**—One of the best varieties for spring sowing, as it stands fully two weeks longer than any other sort before running to seed. The leaves are large, thick and fleshy. Oz., 10c; 12 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.



New Long Standing Spinach.

Remember in comparing our prices we pay postage on all seeds, excepting Peas, Beans, Corn, Bulbs and Grass Seeds.

**Curled Savoy Leaved.**—The hardiest of all varieties of Spinach; the leaves are very numerous, succulent, curled and wrinkled like Savoy Cabbage. Oz., 5c; 2 oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 35c; 5 lbs., \$1.25.

**New Victoria.**—An excellent new sort, especially desirable on account of its dark green color and its hardiness in standing a long time before running to seed, when planted in the spring. Fine for market use 1 oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.



Curled Savoy Leaved Spinach.

### TOMATO.

One ounce will produce about 3000 plants.

**Culture.**—For early use, sow in January or February, in boxes or pots, and place near a window or in a hotbed. When about two inches high, prick them out singly in small pots and nurse carefully in frames, and when the danger of frost is past, plant them out in a sheltered situation where they may have the full influence of the sun.



Selected Acme Tomato.

and has that same glossy, purple color; our market gardeners who tested this splendid new variety last season on trial packets were highly pleased. Don't fail to try the Morning Star if you want early Tomatoes.  $\frac{1}{2}$  oz., 25c; 1 oz., 35c; 2 oz., 75c.

**Selected Early Acme.**—Probably no one variety is so well known and generally cultivated throughout the United States, both for early and main crops. The plants are of strong and vigorous growth and very productive; fruit of medium size, perfect form, round, slightly depressed at the ends, and very smooth (never rough) color, a glossy red, with purplish tinge.  $\frac{1}{2}$  oz., 15c; 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c.

**Selected Trophy.**—Well-known; fruit large, smooth, of bright red color, solid and of good flavor. Oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 60c.

**Ponderosa Tomato.**—This monster Tomato is all solid meat, handsome variety, being uniformly large, smooth, of dark rich crimson color, and a delicious sub-acid flavor.  $\frac{1}{2}$  oz., 20c; 1 oz., 40c; 2 oz., 70c.

**Extra Early Morning Star Tomato.**—A beautiful-colored, fine flavored Tomato, perfectly smooth; a week to ten days ahead of the Early Acme, just as large

All Seeds are sold at 5c per packet, or 3 packets for 10c, unless otherwise noted.



New Buckeye State Tomato.

**The New Buckeye State.**—One of the finest varieties yet introduced. In addition to its very large size, it is also smooth and uniform. The color is the same as Livingston's Beauty, but of a somewhat darker and richer shade.  $\frac{1}{2}$  oz., 15c; 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 70c.

**Livingston's Perfection.**—This variety is shaped like the Acme, larger, fully as early, perfectly smooth, blood-red in color.  $\frac{1}{2}$  oz., 15c; 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c.

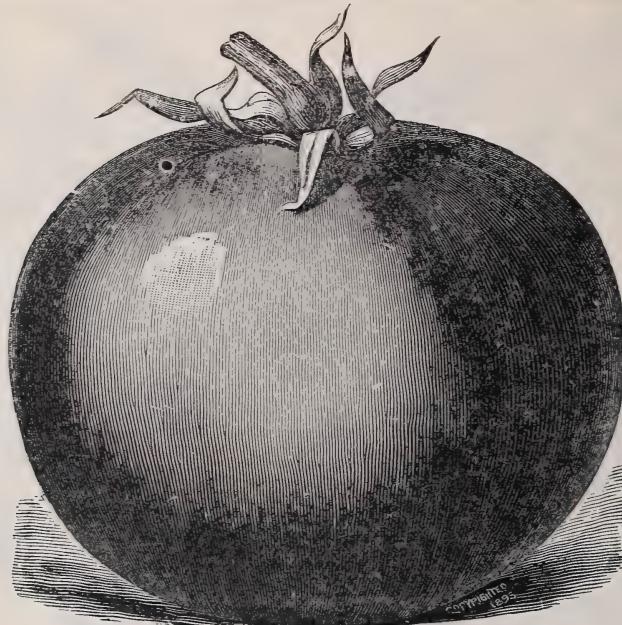
**Livington's Favorite.**—One of the most perfect Tomatoes grown; ripens quite early; good shipping qualities.  $\frac{1}{2}$  oz., 15c; 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 60c.

**Truckers' Favorite.**—A fine market variety; fruit beautiful purple, large size, always solid and smooth and of excellent quality.  $\frac{1}{2}$  oz., 15c; 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c.

**Schwill's Improved Acme.**—Everyone knows the standard variety Early Acme. In this new variety we have a decided improvement on the old standby, in that it does not crack in midsummer; is just as early and holds its size throughout the season; fine for market.  $\frac{1}{2}$  oz., 20c; 1 oz., 35c.

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We have in season fine, strong transplanted Tomato plants, any variety.



Stone Tomato.

**The Stone.**—Very large, and of bright scarlet color and smooth, ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates; is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its appearance on market remarkably attractive.  $\frac{1}{2}$  oz., 15c; 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c.



thirty ounces and six inches in diameter, with of ripe fruit to a single tree of a quality that surpasses all others. Fruit ripens from July 4th until frost; they are solid all the way through, and but few seeds in a tomato. Packet, 10c.

**Yellow Pear Shaped.**—The best variety for making preserves. Packet, 5c;  $\frac{1}{2}$  oz., 20c; 1 oz., 35c.

#### Beauty.

An excellent variety of large size, beautiful appearance. The color is glossy crimson, with a slight purplish tinge.  Yellow Pear Shaped Tomato.

It grows in clusters of four and five, retaining its large size late in the season; very solid and does not crack like some sorts in wet weather.  $\frac{1}{2}$  oz., 15c; 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c.

**Mansfield Tree Tomato.**—This variety has been originated by careful selections and special methods until it has attained the height of ten feet for the tree and a weight of a single tomato of

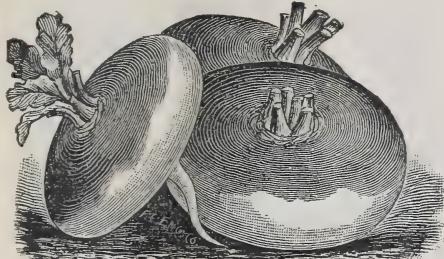
testimonials of over sixty pounds

## TURNIP.

One ounce will sow 150 feet of drill; two pounds will sow an acre.

**Culture.**—For early use, sow as soon as the ground can be worked in the spring. For succession, sow at intervals of a fortnight until the last week of July, from which time until the end of September sowing may be made for main and late crops.

**PRICES.**—All the following varieties of Turnip seed are sold in bulk at following prices: 1 oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 35c; 5 lb. lots at 30c per pound, except where noted different. Sent prepaid by mail or express, we pay carrying charges.



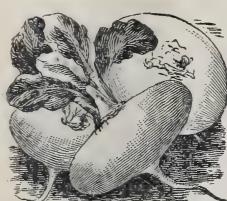
Red or Purple Top Strap Leaf Turnip.



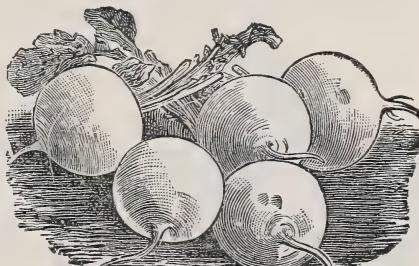
Extra Early Purple Top Milan Turnip.

**Early Red or Purple Top Strap Leaved.**—More largely grown than any other Turnip; will do well to sow either broadcast or in drills; forms good-sized bulbs in seven or eight weeks.

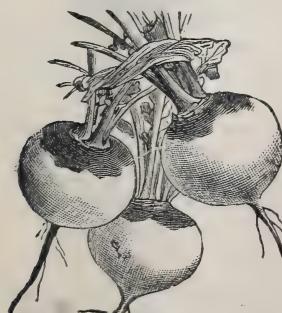
**Schwill's Early Snowball.**—A medium-sized, round, pure white variety, of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet, matures in six weeks from time of sowing.



Early White Flat Dutch Turnip.



Schwil's Early Snowball Turnip.



Mammoth Purple-Top Globe Turnip.

**Extra Early Purple Top Milan.**—(Strap-leaved)—No other variety can equal it for spring sowing. It is of medium size and flat shape, with bright purple top; pure white flesh and excellent flavor. Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Early White Flat Dutch, or Spring Turnip.**—(strap-leaved.)—Size medium; white; of quick growth. For spring or fall.

**Mammoth Purple-Top Globe.**—This is one of the most popular and largely cultivated Turnips; early, large size; globular shape, very handsome and of superior quality; flesh pure white, with red or purple top; grows rapidly; one of the most popular sorts in cultivation.

All of our Nursery Stocks are home grown and acclimated. They are far superior to Northern grown Trees.

**Large White Norfolk.**—Large size; skin white below the surface, but sometimes greenish above. This is the most hardy variety we know of; will stand the hardest winters; it is strictly a winter turnip.

**Large White Globe.**—A fine, large, white turnip, of elegant flavor.

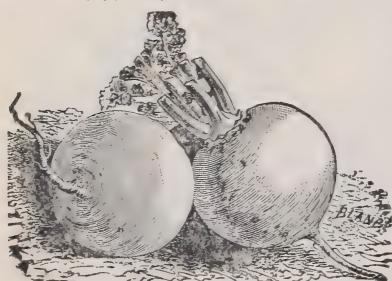
**Long White, or Cow Horn.**—Flesh white; keeps well; a good winter variety.

**Extra Early Six Weeks, or Stone Turnip.**—A most wonderful variety, maturing good size bulbs in six weeks; it grows so rapidly that even the outer surface of the bulb is tender; table qualities unsurpassed Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Extra Early White Egg.**—A quick growing, egg-shaped, perfectly smooth, pure white variety. The flesh is very sweet, firm and mild, never having the rank, strong taste of some white varieties. Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**Southern Seven Top.**—A variety largely grown in the Southern States; the tops are used for greens.

**Improved Seven Top.**—This is an improved strain of Seven Top, growing larger than the ordinary variety, and will make good, large sized white Turnips if sown in August (not too thick) which will stand the severest cold weather. Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.



Large Amber Globe Turnip.

**Large Amber Globe.**—This is a very beautifully formed yellow variety, quite productive, solid flesh and keeps well.

**Yellow Stone.**—A splendid yellow flesh variety; keeps well until very late in the spring; flesh firm and sweet; alike both good for table use and stock.

**Improved Purple-Top Yellow Ruta-Baga.**—Our choicest stock and will be found equal to any from any source and under any name. Very productive, roots finely formed, very solid, beautiful orange color with purple top.

#### TOBACCO SEED.

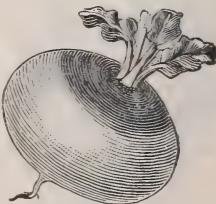
**Culture.**—A very clean piece of land is best for the Tobacco crop, hence it is customary to burn a piece of land in the woods for a plant bed. This destroys grass, weeds and insects, adds fertility through the action of wood ashes, and leaves the ground in good order. The seed is sown in February. When the plants are large enough and weather is settled and warm, set the plants out in highly-manured or fertilized soil.



Large White Globe Turnip.

**Yellow Aberdeen Purple Top.**—Bulb globular, purple above, and deep yellow below; tender, sugary and solid.

**Robertson's Golden Ball.**—The most delicate and sweetest yellow-fleshed turnip we know of; not large but firm, hard and of excellent flavor.



Yellow Aberdeen Turnip.

**Kentucky White Barley.**—A favorite Western variety on account of its fine texture and flavor. Packet, 5c; oz., 25c.

**Havana Seed Leaf.**—Delightful flavor, long leaf. Packet, 5c; oz., 25c.

### POT, SWEET AND MEDICINAL HERBS.



Sweet Basil.

Sage.

Sweet Marjoram.

Summer Savory.

Thyme.

Per packet, 5c, or 3 Packets for 10c.

Indispensable to the cook, useful in the sick room, and many kinds fine for perfuming clothing, etc. Herbs in generally love a mellow and free soil. The chief points are to cut them on a dry day when not quite in full bloom and to dry them quickly in the shade.

**Anise (Ger. Anis).**—This Herb is an annual, and is cultivated for its seeds and its leaves. The seeds have a fragrant, agreeable scent, and a sweet and pleasant taste. Annual.

**Basil, Sweet (Ger. Basilicum).**—The leaves and the tops of the shoots are the parts gathered, and are used for highly seasoned dishes, as well as in soups, stews and in sauces. Annual.

**Coriander (Ger. Koriander).**—Its tender leaves are sometimes used for soups and salads. Its seeds have a pleasant, aromatic taste. Annual.

**Dandelion (Ger. Leowenzahn).**—The Dandelion resembles Endive, and is sometimes cultivated for spring greens, or for blanching or salad. Annual.

**Dill (Ger. Dill).**—Is a native of Southern Europe. It is cultivated for its seeds which are used medicinally. The leaves are often used for culinary purposes. Annual.

**Lavender (Ger. Spiklavendel).**—It is cultivated for its fragrant flowers, which are used for distilling Lavender Water. Gather the flowers before they begin to fade. Perennial.

**Rosemary (Ger. Rosmarin).**—A native of the South of Europe. It is used in many diseases quite successfully.

**Sage (Ger. Sabei).**—The leaves are used for seasoning, stuffing, etc. Tea made from the leaves is an excellent sudorific. Perennial.

**Savory, Summer (Ger. Bohnenkraut).**—A native of Italy. Leaves much used for culinary purposes. They have a very agreeable flavor. Annual.

**Savory, Winter.**—Leaves and young shoots are used in flavoring. Hardy Perennial.

**Sweet Marjoram (Ger. Marjoran).**—An aromatic of very sweet flavor; the leaves are used in soups, broths, etc. Biennial.

**Sorrel Broadleaved (Ger. Sauerampfer).**—It is used in soups and salads, and is sometimes cooked as Spinach. Perennial.

**Sweet Fennel (Ger. Fenchel).**—The seeds are used as a carminative; also medicinally. Perennial.

**Thyme (Ger. Thimian).**—It is a native of Greece. It is both a medicinal and culinary herb. Height six to eight inches. Perennial.

**Lake's Lice Killer** is just the thing to expel all insects from animals, poultry, etc.



We take pleasure in presenting you our revised list of Flower Seed. Look over it carefully and add a few packets to your vegetable seed order. They are all fresh and of highest quality.

To have a successful flower garden, one must take pleasure in working and caring for the plants when they are young. Nothing is more beautiful than the old time and natural flowers. Do not cast aside the Single Petunia, Hollyhock, Forget Me-Nots, Pinks and Phlox, for nothing is handsomer than the old-fashioned bloomers. A common mistake in sowing flower seed, as well as other seeds, is in covering them too deep. A good rule in sowing seed is to cover only the thickness of the seed, and very fine seeds like Portulaca, Petunias need only to be pressed into the soil with a piece of board or the palm of the hand. Always press the earth down firmly after sowing all flower seeds, else there is danger of their drying up before the roots can get a firm hold of the soil. After sowing seeds, should the weather turn off dry, they should be watered regularly until the plants appear, and always remember the soil cannot be prepared too well for sowing of all seeds, and more especially, flower seeds.

**Annual** Flowers are those that bloom the first season from seed and then perish.

**Biennials** do not flower generally until the second year and then die.

**Perennials** flower the second year and every year thereafter, and may be propagated by a division of roots. Some Perennials flower the first season.

**Special offer of Flower Seed in Packets.** We will send you, postage paid:

3 Five-cent Packets, for.....10 cents  
8 Five-cent Packets, for.....25 cents  
17 Five-cent Packets, for.....50 cents  
35 Five-cent Packets, for.....\$1.00

3 Ten-cent Packets, for.....25 cents  
7 Ten-cent Packets, for.....50 cents  
15 Ten cent Packets, for.....\$1.50

Your selection.

**Alyssum, Sweet.**—A favorite flower for bouquets; white, very fragrant, and producing a succession of blooms throughout the summer. Height one foot. Hardy annual. Packet, 5c; oz., 25c

**Alyssum, Little Gem.**—New, very dwarf, each plant covering a circle of about 12 inches. Hardy annual. Packet, 10c.

**Asters.**—These beautiful and popular annuals are unrivalled for richness of display and profusion of flowers. Start the seed early indoors, or sow later in open ground. Annual. One and a half feet.

**The New Triumph Aster.**—A new variety of high merit. Deep scarlet and white mixed. Packet 10c.

**Victoria Aster.**—Flowers very large and double, very fine, mixed colors. Packet 10c.

**Tyler's Prolific Cotton Seed** stands the drouth, and is one of the most productive sorts yet introduced.



Sweet Alyssum.

**German Quilled Aster.**—Fine mixed. Packet 5c.

**China Aster.**—A standard, well-known variety. Mixed. Packet 5c.

**Canterbury Bells** (*Campanula*)—A well-known free bloomer of great beauty; effective for beds or pot culture. Flowers of many colors; large, bell-shaped. Sow seeds early, in the open ground; cover lightly; thin or transplant to twelve inches. Hardy biennial. Mixed, all colors, packet 5c.



Victoria Aster.



Canterbury Bell.



China Aster.

**Balsam**—Touch-Me-Not, or Lady's Slipper.—An old favorite, producing large masses of beautiful, brilliant colored flowers in the greatest profusion. Of easy culture, but requires rich soil to produce the finest flowers. Tender annuals. Height eighteen inches. Double mixed. Packet 5c.

**Bachelor Buttons** (*Gomphrena*)—A well-known hardy everlasting flower, forms bushy plants two feet in height. Hardy annual. Mixed all colors, packet 5c.



Candytuft.



Calliopsis.



Centaurea Cyanus.

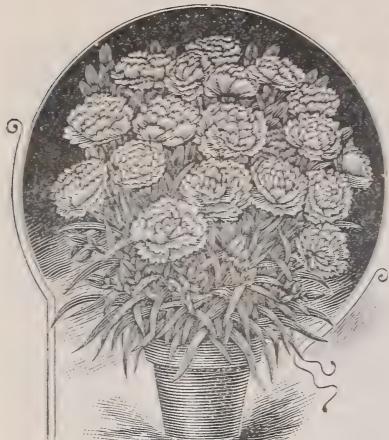
**Candytuft.**—Among the most useful of perfectly hardy annuals, produces neat clusters of flowers very freely. Mixed, packet, 5c.

**Calliopsis** (*Coreopsis*)—Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom. Of the easiest culture, as they grow rapidly, require no care, and thrive in any garden. Annual; 2 feet. Mixed, per packet, 5c.

**Centaurea Cyanus** (Corn-Bottle.)—A hardy annual of the easiest growth, and flowers freely and continuously; height two to three feet; flowers excellent for cutting. Choice mixed, packet 5c.

**Columbine** (*Aquilegia*)—A free-flowering, hardy plant. Flowers in the greatest profusion, early in the spring, and growing with such ease and freedom, they ought to be grown by all. Hardy perennial; 2 feet. Finest mixed, all colors, packet 5c.

**Collinsia**.—Very pretty free flowering plants, blooming in whorls and several whorls around each flower stem; hardy annual; 1½ feet. All colors, mixed packet 5c.



Marguerite Carnation.

bright yellow center. Hardy annual; 4 feet high. Finest mixed hybrids, packet 5 cents



Clarkia.



Columbine.



Cosmos.

**Centranthus.**—The flowers are small and borne in clusters on light green, almost transparent stems. They form beautiful masses or borders, and are excellent for bouquets or other floral work. Hardy annual; 18 inches. Mixed colors, per packet, 5c.



Double Daisy.

**Double Daisy (Bellis perennis.)**—Every one knows the Daisy. Give it a cool, partially shaded place. Sow seed very early. Plant about six inches apart. Tender Perennial six inches high. Extra choice, double mixed, packet 10c.

**Forget - Me - Not. — (Myosotis.)**—The Forget-Me-Not is an old, favorite plant, bearing clusters of star-shaped, delicate blue flowers with white and yellow eyes. Blooms the first year from seed if sown early. Hardy perennial; 6 inches high. Per packet, 5c.



Forget-Me-Not.

**Foxglove** (*Digitalis*).—A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half shady places; 3 feet and hardy perennial *Digitalis Gloxiniaeflora*. All colors, mixed, packet 5c.

**Gaillardia**.—Exceedingly beautiful annual, making very showy plants one to two feet high. Unrivaled for cutting. Annual. Mixed, per packet 5c.

**Godetia**.—Beautiful hardy annuals, remarkable for the delicacy of their fine, large blossoms; flowers deep rose-pink, rosy carmine, snow white, with bright carmine, lilac, with purple and rich satiny white. Hardy annual. Mixed, per packet 5c.

**Gilia**.—A profuse blooming and dwarf annual for massing in flower beds; plants grow six to twelve inches high. Hardy annual. Mixed, per packet 5c.



Fox Glove.



Gaillardia.



Gilia.



Godetia.

**Heliotrope**.—A half hardy perennial, flowering the whole season with its delightful perfume. No flower is more desirable. Seeds sown in the spring make fine plants for summer blooming. Fine mixed varieties, packet 10c.

**Hollyhock**.—or a background to a flower garden, perhaps no plant is so useful, the flowers are as double as a rose, of many shades and color. Hardy perennial; five feet high. Double mixed, per packet, 10c.

**Larkspur**.—(*Delphinium*).—The Larkspur is one of the handsomest and most useful of plants, and for large gardens invaluable. Double Dwarf Rocket, mixed, hardy annual; ten inches high. Packet 5c.



Sweet Mignonette

**Lupinus**.—Splendid ornamental plants, with long, graceful flower spikes of rich and varied colors, valuable for mixed borders, in flower June to October. Hardy annual; 2 feet high. Mixed varieties, packet 5c.

**Lobelia**.—A charming genus of dwarf plants, with blue and white flowers, in flower June to October, half hardy annual; 1 foot. Fine mixed, packet 5c.

**Sweet Mignonette**.—A well-known hardy annual producing dense semi-globular heads of exceedingly fragrant flowers. Hardy annual; 1 foot. Packet 5c; oz. 15c.



Lupinus.

**Mignonette Machet.**—Well adapted for pot culture; dwarf pyramidal growth, bearing numerous flower stalks; one of the best. Packet 5c.

**Nasturtium.**—Well-known profuse flowering plants; easily grown and can be sown in the spring just as soon as the ground gets warm. The dwarf variety is used principally for bedding and the tall sorts for trellises, rock work, etc. A favorite in all sections. Hardy annuals.

**Nasturtium, Dwarf Mixed.**—Height, 1 foot. Packet 5c; oz., 15c.

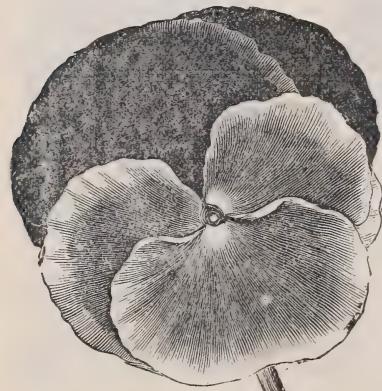
**Nasturtium, Tall.**—Height, 6 feet. Packet 5c; oz., 15c.



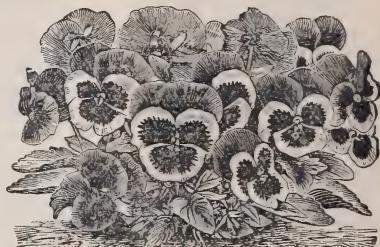
Dwarf Nasturtium.

**Nemophilla** (Love Grove).—Of neat, compact habit; blooming freely all summer if planted in a rather cool, shady place, and in not too rich a soil; hardy annuals; 1 foot. Mixed, packet 5c.

**Mixed Ornamental Grasses.**—Our own mixture of seed. A single packet will supply in abundance a great variety of the most attractive annual Ornamental Grasses. No more welcome present can be given to a visitor when looking through the flower garden than a bunch of these Ornamental Grasses. Extra Mixture Ornamental Grasses, package 10c.



Extra Large Flowered Pansy.



Mixed Pansy.

**Pansies.**—May be sown either in the fall in the hot bed, or in open ground in early spring. If sown in the spring get them in as early as possible to secure flowers during the early rains and before hot weather. Our mixed strains comprise an endless variety of colors and markings, from a light straw to a deep black stripes and blotches. Hardy biennials; 8 inches high.

**Choice Mixed.**—Packet 5c. **Extra Large Flowered Mixed.**—Packet 10c.

**Pentstemon.**—In shape the flowers somewhat resemble the gloxinia's, and are shaded and mottled in white, blue, crimson and scarlet. Half-hardy perennial; 2 foot. Fine Mixed, packet 5c.

**Our new Watermelon, "The Texas Queen,"** is the finest variety yet introduced. The seed we offer is Southern grown.

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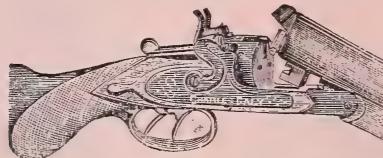
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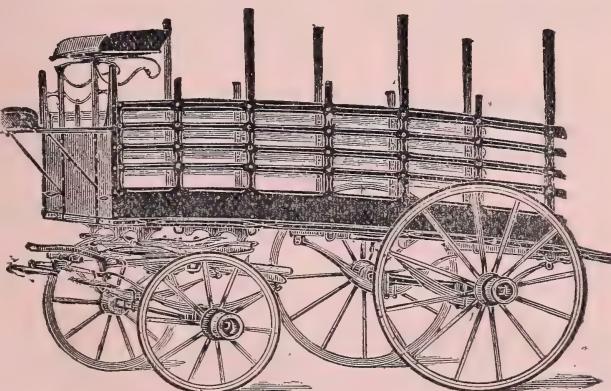
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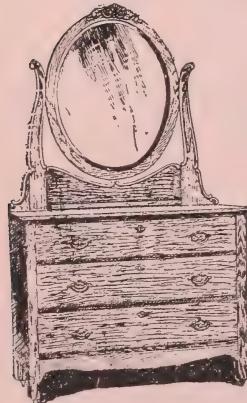
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**Soluable Pacific Guano.**—A standard and complete fertilizer, guaranteed to be uniform in composition, rich in ammonia and soluable. It is of exceptional value for garden crops, corn, grain, grass seed, potatoes, etc., in fact all kinds of vegetation. Benefits crops, quickly affording constant nourishment during the entire season's growth. In case of rotation of crops it is nearly as valuable for the last as for the first. The basis of Pacific Guano is dissolved bone, no rock being used. Strictly a high grade and rich fertilizer. Use 500 to 600 pounds per acre for field and garden crops. Analysis as follows: Available Phosphoric Acid, 8 to 10 per cent.; Insoluable Phosphoric Acid, 1½ to 2 per cent.; Ammonia actual and potential, 1½ to 2½ per cent.; Potash K. 20, 1½ to 2 per cent. Price, 50 lbs., \$1.25; 100 lbs., \$2.25; per bag of 200 lbs., \$4.00; per ton, \$32.00.

**Acid Phosphate with Potash.**—This is a high grade fertilizer, combined to supply the food requirements of potatoes and all other kind of vegetables from the start until the crop is made. It can be used most profitably in connection with stable manure or by itself, as it is a complete high grade vegetable fertilizer, or it can be mixed with cotton seed meal, which makes a splendid compost. Our Acid Phosphate is soluble and mixed with potash. Several of our customers report they want nothing better than this preparation, and for corn or cotton we cannot recommend it too highly, for which it is adapted as well as for all garden truck. Per 50 lbs., \$1.00; 100 lbs., \$1.50; per bag of 200 lbs., \$2.50; per ton, \$20.00.

**Kainit, Potash Salts.**—Kainit is a natural product, containing nearly 13 per cent. pure potash, in the most available form for plant food. It also contains sulphate and chloride of magnesia, sulphate of lime and salt. Kainit is applicable to all cultivated crops. Price per 50 lbs., \$1.00; per 100 lbs., \$1.50; single bag, \$2.60 per bag; 5 bags or more, \$2.50 per bag, or \$21.00 per ton. Use 200 to 400 pounds per acre. For small grain, drill in; for cultivated crops, plow under.

**Pure Bone Meal.**—Our Bone Meal is ground fine, and is of great value mixed with soil for potting purposes, for which one part of meal to ten of soil is about the right proportion. It is invaluable for top-dressing lawns. Nothing is better for fertilizing young fruit trees, etc. 5 lbs., 30c; 10 lbs., 40c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.25; bags of 200 lbs., \$3.75.

**Nitrate of Soda.**—This is valuable for the nitrogen it contains, equal to twenty per cent. of ammonia. It is very quick in action and hastens the maturity of crops fully two weeks and besides renders the mineral plant food of the soil more assimilable. It is valuable for corn, sugar beets, potatoes, grasses, peas, beans, clover, etc. Being extremely soluable it should not be applied until the plants are above ground, when 100 to 150 pounds per acre, mixed with land plaster, for convenience in applying, is generally used. 1 lb., 15c; 10 lbs., 75c; 25 lbs., \$1.50; 50 lbs., \$3.00; 100 lbs., \$5.00.

**Cotton Seed Meal Fertilizer.**—The value of Cotton Seed Meal as a fertilizer is well established, and its use for this purpose is yearly becoming more extended. Per 100 lb. bag, \$1.00; per ton, \$18.50. Write for special price.

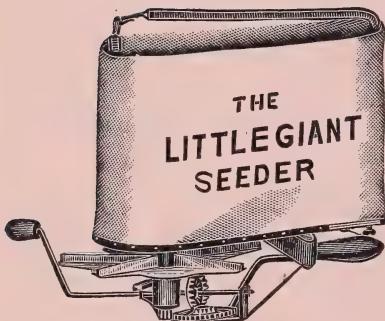
**Land Plaster, or Gypsum.**—Is largely used as a fertilizer for clover, corn and other crops. It acts chiefly by fixing the ammonia of the atmosphere, and conveying it to the roots of the crops. A good thing to sprinkle over fresh cut seed potatoes. Excellent to mix with paris green at the rate of 100 lbs. of plaster to 1 lb. of paris green to kill bugs, worms, etc. Per 50 lbs., 65c; 100 lbs., \$1.00; per sack (200 lbs.), \$1.25; per ton, \$10.00.

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**Bowker's Food for Flowers.**—An excellent fertilizer for house plants. Clean to handle, without odor, produces rich, green growth and profusion of Flowers. Per package, 20c; or by mail 30c.

**Sward Food.**—Especially adapted for lawn and flowers. "Sward Food makes grass grow." Don't cover your lawn with unsightly and offensive stable manure, and run the risk of having your lawn full of weeds etc. Your flowers will thrive and bloom better by the use of this excellent fertilizer. Clean to handle and odorless. 1 lb., 10c; 5 lb., 35c; 25 lb., \$1.00; by mail add 10c per lb.

## Miscellaneous Farm and Garden Implements.



Little Giant Seeder.

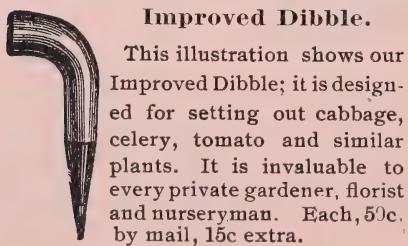


Cahoon's Seeder.

**Little Giant Broadcast Seed Sower.**—This is one of the best Hand Broadcast Seed Sower in the market for the money. It is simple in construction, light, strong and durable, and weighing but three pounds complete. Has an agitator to prevent the seed clogging opening. Price, packed \$2.00.

**Cahoon's Patent Hand Seed Sower.**—For sowing wheat, oats, millet, barley, rye, buckwheat, grass seeds, etc. The best machine of the kind in the market. The seed is thrown from eight to twenty feet on each side of the operator, the heaviest seed being, of course, thrown the greatest distance. Price, \$3.25.

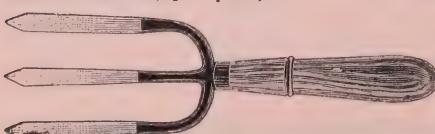
### Improved Dibble.



This illustration shows our Improved Dibble; it is designed for setting out cabbage, celery, tomato and similar plants. It is invaluable to every private gardener, florist and nurseryman. Each, 50c. by mail, 15c extra.



**Excelsior Weeder**  
—A very useful tool for weeding seed beds, stirring the ground etc. Each 25c; postpaid, 35c.



WATERS  
IMPROVED  
TREE PRUNER.

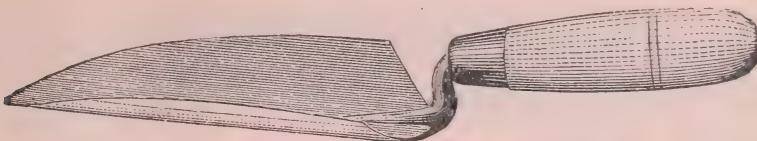
### Waters Improved Tree Pruner.

For pruning fruit trees, etc. Strong and well made.

Price, 10 foot pole,  
each, \$2.50.

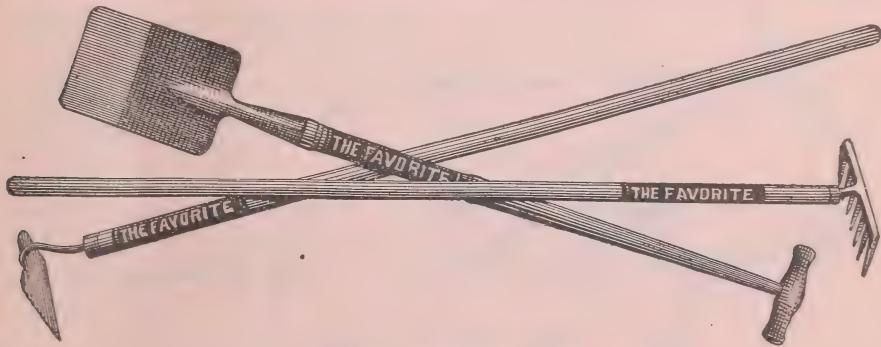
### Improved Hand Weeder and Transplanting Fork.

One hour's use will repay its cost. Can be used to great advantage among small plants. Each, 25c; postpaid, 35 cents.



### FORGED STEEL GARDEN TROWELS.

Strong and well made. The blade and shank are made of the best forged steel in one piece, same as brickmason's trowels. Price 50c. We have also a good garden trowels made of fine cold rolled steel with malleable iron shank; well rivited, a first class article of the kind. Price, 15c each; by mail add 10c each for postage.



### LADIES' FLORAL SET.

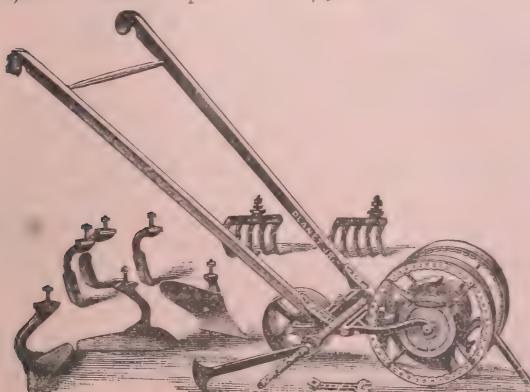
Just the thing for light work. They are well made and of best material. Price, 3 pieces together, 75c.

### “PLANET Jr.” GARDEN TOOLS.

Space will not permit illustrating and describing all the “Planet Jr.” tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. “Planet Jr.” goods are standard machines and the best on the market.

#### The “Planet Jr.” Hill-Dropping Seed Drill.

It holds two quarts, has force feed, and sows and covers any depth desired, but its distinctive feature is that it will not only sow in drills, but also in hills, 4, 6, 8 or 12 inches apart. Price, \$10.00.



#### The “Planet Jr.” Combined Drill, Cultivator, Plow, etc.

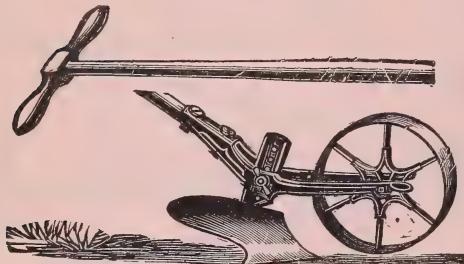
Unquestionably the most popular and perfect machine of its kind made. Has a Seed Drill, and is the same as the No. 2, except in size; holds one quart. The hoes work closely and safely all rows up to 16 inches wide at one passage. The plow opens furrows, covers them, hills, plows to and from; the cultivator teeth mellow the soil, etc. Price, \$9.00.

**The "Planet Jr." No. 2 Drill.**

It holds 2½ quarts. Sows all garden seeds accurately in any desired thickness or depth; opens, drops, covers, rolls down and marks the next row, all at one passage. It is especially good for sowing difficult seeds, such as carrot, parsnip, beet and salsify, and delicate seeds like cabbage. Price, \$6.50.

**The "Planet Jr." Double-Wheel Hoe.**

It can be used straddle of the rows or between the rows, as desired. The rakes level the ground for planting, cultivating, covering seed, etc. The hoes cut close and clean, killing everything they meet. The plows lay out deep furrows and cover them, hill up or plow away, as desired. The leaf guards allow cultivation of large plants, such as beets, carrots, parsnips, beans and peas. Price, complete, \$6.00.

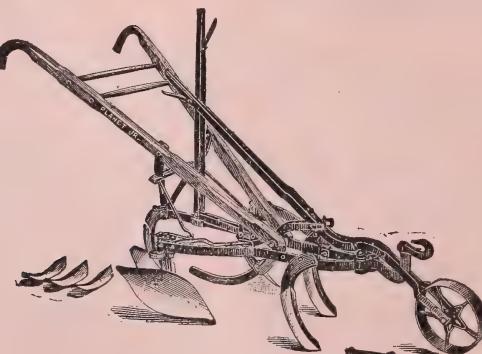


The "Fire-Fly" Wheel Garden Plow.

**"Fire-Fly" Garden Plow.**

Makes the care of a vegetable garden a pleasure, and 10,000 families who could not find time to keep a garden, if attempting its cultivation with the ordinary hand hoe, can raise their own vegetables successfully with the "Fire-Fly."

**Price, complete, \$2.00.**



No. 8 Horse Hoe "Planet Jr."

**"Planet Jr." Horse Hoes, Cultivators and Harrows.****THE BEST IS THE CHEAPEST.**

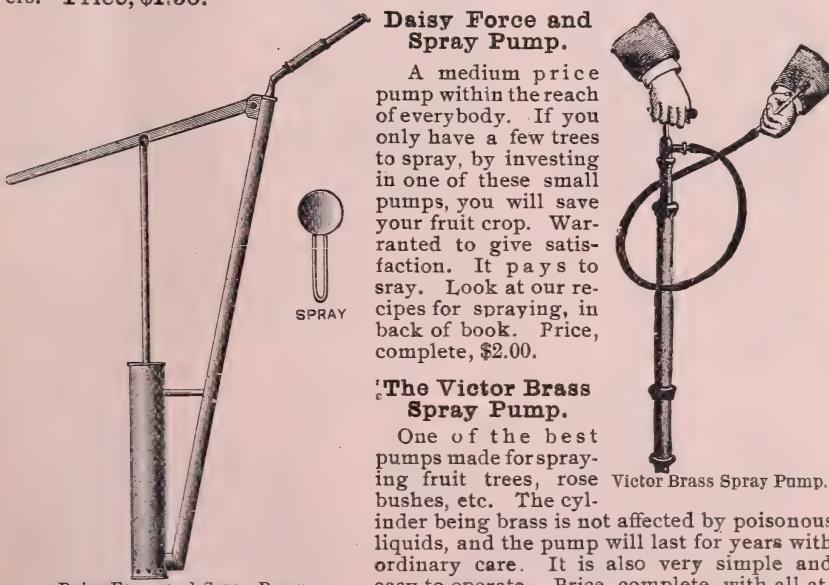
"Planet Jr." No. 5, Horse Hoe and Cultivator, strong and servicable, .....	Price, \$6.75
"Planet Jr." No. 8. Horse Hoe and Cultivator, complete with Lever Wheel and Expander.....	Price, 8.00
"Planet Jr." 12-tooth Harrow, plain.....	Price, 5.40
"Planet Jr." 12-tooth Harrow, with wheel.....	Price, 6.65
"Planet Jr." 12-tooth Harrow, complete with Pulverizer.....	Price, 8.00

Early Peas being a most important crop to the trucker, great care should be used in getting good seed. We handle only the best elected stock, which will give universal satisfaction.



### SURE THING SPRAY PUMP.

One of the most perfect Spraying and dusting machines in the market, simple in its construction, weighing only one pound, a child can handle it; for either liquid or dry powder. The greatest labor, liquid, powder and money saver. Sure Thing is the very article for gardeners, nurseryman, horseman and poultry keepers. Price, \$1.50.



Daisy Force and Spray Pump.

### Daisy Force and Spray Pump.

A medium price pump within the reach of everybody. If you only have a few trees to spray, by investing in one of these small pumps, you will save your fruit crop. Warranted to give satisfaction. It pays to spray. Look at our recipes for spraying, in back of book. Price, complete, \$2.00.

### The Victor Brass Spray Pump.

One of the best pumps made for spraying fruit trees, rose bushes, etc. The cylinder being brass is not affected by poisonous liquids, and the pump will last for years with ordinary care. It is also very simple and easy to operate. Price, complete with all attachments, \$4.50.

### ECLIPSE KNAPSACK SPRAYER.

The best Knapsack Sprayer in use for potato bugs, gardens, cotton and tobacco fields. Holds 5 gallons, weight when full, 50 pounds. A man with one of these Sprayers will use only one-half the paris green that is required by the whisk broom or with the common sprinkling can. No waste whatever. It pays for itself by very little use. The machine is made of galvanized iron with removable strainer. Price, complete, \$4.50.

### HAND RUBBER SPRINKLER.

An excellent hand Sprinkler for use in the house on plants. Also used for sprinkling clothes. Price, \$1.00 each, by mail add 10c extra.



Hand Sprinkler.

## REMEDIES FOR DESTROYING INSECTS.

## HAMMOND'S SLUG SHOT.

The best powder to destroy potato bugs, and those on tomatoes and egg plants, cabbage lice and worms, flea beetles and striped bugs on melons, squash, turnips, beets, etc.

Non-poisonous; no danger need be apprehended by the person applying it, nor will it injure chickens or animals should they eat it. It does not render injurious the vegetables and fruits on which it is applied. For further information, send for "Fighting Insects in the Garden," sent free. Our sales of Slug Shot doubles annually. Price, 1-lb. perforated box, 15c; if sent by mail postpaid, 30c. A 5-lb. package for 35c; purchaser paying freight charges; 10-lb. package, 60c; bulk, per 100 lbs., \$5.00.



**TOBACCO DUST.**—One of the best and cheapest insect destroyers known. Very effective against the cabbage fly and worm, also on cucumber, melons and other vine crops. It is generally put on in the morning when the dew is on the plants or just after a rain. A good and safe insecticide. Per lb., 15c; 10 lbs. for 75c; by mail add 10c a pound for postage.

**WHALE OIL SOAP.**—Very effective for washing trees and destroying all insects on the bark; it is also an exterminator of insects and lice on plants and shrubbery. Mix at the rate of one pound of soap to two quarts of hot water, and then add five gallons of cold water, apply with watering pot or syringe; used in this manner it will promptly rid cabbage or any other vegetable plants, also rose bushes and all sorts of fruit trees of the aphides and other insects which so often injure them. Per lb., 25c; 5 lbs. for \$1.00; if mail add 15c per lb.

**PARIS GREEN.**—A poisonous insoluble powder, indispensable on the farm for the purpose of preventing the ravages of potato bugs, codling moth, worms, caterpillars, slugs and bugs. Paris Green being a rank poison should be used most carefully. 1 lb., 25c; 10 lbs. and over at 23c per pound. If by mail, add 15c per pound for postage.

**Dry Application.**—Mix with plaster, flour or other dilutant—one part to 100; apply with duster, bellows or gun.

**In Solution.**—Mix one pound to 200 or 300 gallons of water, apply with pump, syringe or vaporizer.

**Bait.**—For cut worms, mix one ounce with eight ounces of syrup; mix thoroughly with fresh chopped grass or leaves.

**LONDON PURPLE.**—Very poisonous and equally as efficacious as Paris Green and more soluble in water. 1 lb., 25c; 10-lbs. lots and over at 23c per lb. If by mail, add 15c per lb. for postage. Use in the same way as Paris Green.

**Implements for the Economical and Effective Use of Slug Shot, Paris Green, etc.**



**THE DUSTER** is the best implement in use for applying Slug Shot and Paris Green on cabbages and vine crops. These Dusters are two sizes, and are bottomed with very finely perforated material. Half gallon, 40c; one gallon, 60c.

## PINKS.

**Dianthus.**—This family of Pinks is unrivalled for brilliancy and rich variety of color, as well as for their delicious perfume. They make showy beds, blooming all summer. Height one foot. Hardy perennial.

**China, Double Mixed.**—Beautiful clusters of dainty, double flowers; magnificent colors. Packet 5c.

**Imperial Double Mixed.**—Very regular and double, and of a great variety of colors. Packet 5c.

**Grass Pink.**—A well-known hardy sort, as fragrant as Carnations; should be in every garden. Pure white, packet 10c.

**Portulaca, or Rose Moss.**—There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many-hued brilliant-colored Portulacas. They thrive best in a rather rich, light loam or sandy soil.

**Single Mixed**, packet 5c. **Double Mixed**, packet 10c.



Double Imperial Pink.



Double China Pink.



Pure White Phlox.

**Phlox Drummondii.**—For a splendid mass of colors and a constant display, this is not excelled by any other annual. The seed may be planted in the open grounds in May, or in hotbed or house earlier, and afterwards transplanted to where wanted. Give good, rich ground, and set plants eight to ten inches apart each way. Hardy annuals. **Mixed**, all sorts, packet 5c. **Snowball**, pure white, packet 10c.



Phlox Drummondii.



Petunias.

**Petunias.**—Are unsurpassed, if indeed equalled, for massing in beds. Their richness of color, duration of bloom and easy culture will always render them welcome and popular. Be careful not to cover the small seeds too deeply. Hardy annual;  $1\frac{1}{2}$  feet high. **Single Mixed**, packet 5c.

**Chinese Primrose.**—The Chinese Primrose is one of the finest plants for winter and spring blooming in the house or conservatory; very profuse flowering, being in almost constant bloom all winter. Greenhouse perennials. **Choicest Mixed**, packet 10c.

### POPPIES.

Showy and ornamental plants with large flowers of brilliant colors. Very attractive in large beds, clumps and mixed borders. The seeds should be sown where it is to remain, as they do not stand transplanting; two feet. Hardy annual. Can be planted as early as February or March.

**Double Mixed Carnation Poppy.**—Splendid double flower; mixed colors. Packet 5c.

**The Shirley.**—This beautiful, new single Poppy runs in colors from purest white through the most delicate shades of rose, pink and carmine to deep crimson. Very interesting to watch the flowers develop. Packet 10c.

**California Poppy.**—The large, handsome flowers, two inches or more in diameter, are yellow, orange and white, and are produced in profusion. Packet 5c.

**Paeony Flowered**, mixed, very showy, rich in color. Packet, 5c.



Poppies.



Snap Dragon.



Salvia.

**Ricinus (Castor Oil Bean.)**—These plants are cultivated for the stately, picturesque, and highly ornamental character of their growth and foliage. From seed they quickly attain gigantic proportions, and are ornamental until destroyed by frost. Hardy annual. Packet 5c.

**Salpiglossis.**—The shape and size of the flower is somewhat similar to the Petunia and embraces a great variety of rich colors. Fine mixed, packet 5c.

**Salvia (Scarlet Sage.)**—One of the most beautiful of all flowers. The brilliant spikes of scarlet measure 10 to 12 inches in length and are produced in the greatest profusion. *Salvia Splenpens* mixed, packet 10c.

**Snapdragon (Antirrhinum.)**—This old favorite should have a place in every garden. Hardy annual. Height 1 foot—Dwarf mixed. Packet 5c.

**Stocks (German Ten Weeks.)**—(Gillyflower.)—The Ten Week Stocks are exceedingly valuable plants, producing an abundance of flowers of various colors and tints, and of the most delicate fragrance. Half hardy annual; 8 to 10 inches high. Packet, 5c.

**Sweet Rocket.**—A splendid free blooming flower, showy and very sweet scented. Hardy annual; 2 foot. Packet 5c.

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All Garden Seeds are sold at 5c per packet or 3 packets for 10c, unless otherwise noted.



Sweet Sultan.



Sweet Violet.



Sweet William.

**Sweet Sultan.**—A handsome annual with fragrant flowers. Their fragrance and habit of growth adapt them finely for bouquets. Hardy annual; height, 2 feet. Packet, 5c.

**Sweet William.**—For display in the garden the Sweet William is unsurpassed. The seed can be planted very early in the spring, in open ground, and will blossom the following summer. Hardy perennial; 1½ feet high. Packet 5c.

**Violet.**—The violet should not be wanting in any garden, on account of its fragrance and early appearance. Succeeds best in a shady, sheltered place. Hardy perennial; height, 4 inches. Packet, 10c.

**Vinca.**—(Periwinkle.)—Free-flowering perennials with glossy green foliage and beautiful circular flowers; sown early under glass and transplanted in a warm situation; 1½ feet. Mixed colors, per packet, 5c.

**Verbena.**—No plant is more generally cultivated than the Verbena. They flower perfectly well from seed sown in the spring. Sow seed in open ground in April and transplant when about two inches high. Half hardy perennial. Choice mixed, packet 5c. Extra Large Flowered, mixed, packet 10c.



Verbena.



Whitlavia.



Zinnias.

**Double Mixed Zinnias.**—No flowers are more easily grown from seed sown in the open ground, and few bloom so continuously throughout the entire summer. Hardy annual. Packet 5c.

**Whitlavia.**—Fine bell-shaped flowers, growing freely and effective for bedding. Hardy annual; 1 foot. Mixed, per packet 5c.

**Wallflower.**—Well known deliciously fragrant garden plants, blooming early in the spring, with large conspicuous spikes of beautiful flowers. Half-hardy perennials. Mixed, per packet 5c.

**King's Improved Cotton Seed is the best, don't fail to try a few bushels.**

## USEFUL CLIMBERS AND ORNAMENTAL VINES.



Hyacinth Climbing Beans.



Canary Bird Flower.



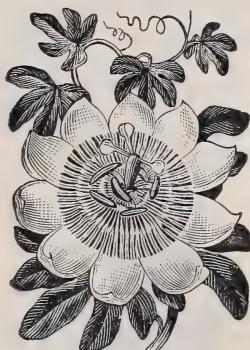
Cypress Vines.

**Cypress Vine, Mixed.**—Tender climbing annual—8 foot. Packet 5c.

**Canary Bird Flower.**—Half hardy annual—12 foot—yellow flowers. Packet 10c.

**Hyacinth Climbing Bean, Mixed.**—Quick climber—20 feet. Packet 5c.

**Clematis (Virgin's Bower).**—Rapid-growing climbers; flowers borne in clusters, and are very fragrant. Soak the seed in warm water twenty-four hours before sowing. Hardy perennials—20 feet. Packet 5c.



Passion Flower.



Clematis.



Morning Glory.

**Gourds, Hercules Club.**—Quite a curiosity; long shaped fruit. Packet 5c.

**Gourds, Dipper.**—Useful and ornamental. Packet 5c.

**Gourds, Nest-Egg.**—Bears fruit resembling eggs; a useful plant. Packet 5c.

**Gourds, Dish Rag:**—A natural dish rag, very easy grown. Packet 5c.

**Balsam Pear Cucumber.**—A most useful and ornamental vine. Packet 5c.

**Morning Glory, Mixed.**—Handsome, showy climber, very hardy. Pkt 5c.

**Japanese Morning Glory.**—A most luxuriant climber; blooms much larger than the common variety. Packet 10c.

**Moon Flower, Evening Glory.**—Bears large, white flowers; vine runs 20 to 30 feet. Packet 5c.

**Scarlet Runner.**—Running flower beans; 15 feet. Packet 5c.

**Nasturtium, Tall Mixed.**—Fine for trellises and rustic work; free bloomers. Packet 5c.

**Sweet Peas, Mixed.**—Very popular on account of their beautiful flowers. Packet 5c.

**Passion Flower.**—Very ornamental climbers and abundant bloomers; half hardy annual; 10 to 15 feet. Packet 10c.



Sweet Peas.

### SWEET PEAS.

There is no flower grown that is more popular, or that is more admired by all than the Sweet Pea, with its dainty colors and delicate perfume. For cutting, for bouquets, vases, corsage, and buttonhole wear, no flower except the rose can compare with them. To succeed best they should be sown as soon as the ground can be worked in the spring, cover the seed from four to five inches, and when well up give brush or strings to support them. They commence to bloom early, and if the flowers are picked as soon as they fade, will continue to bloom all summer. If allowed to form seed they will soon stop flowering and die down. Hardy annual.

### SWEET PEAS IN MIXTURES.

Choicest mixed Sweet Peas, 63 distinct varieties, comprising all shades of light, dark and striped varieties of the very best strains, and will furnish flowers to the astonishment of every beholder. Large packets, 5c, or 3 packets for 10c; bulk, per oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; 1 lb., 50c.

### SWEET PEAS IN SEPARATE COLORS.

Price 5c per packet, or 3 for 10c.

8 packets for 25c; 17 packets for 50c; 40 packets for \$1.00—  
your own selection. The entire 63 packets on following list  
for \$1.50, sent postpaid to any address on receipt of price.

**Bulk prices for following named varieties:** Oz., 10c; 2 oz., 15c;  
 $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**Blanche Burpee**, Superb, pure white, immense size, perfect form.

**Blanche Ferry**, Large pink and white flowers; very early; free flowering.

**Blushing Beauty**, Soft pink, suffused with lilac; extra large.

**Boreatton**, Crimson-purple; very dark, large flowers.

**Butterfly**, Pale gray, with distinct porcelain edge.

**Captain of the Blues**, Bright purple and pale blue.

## SWEET PEAS, NAMED VARIETIES—Continued.

**Captivation**, Light magenta, self colored; new.  
**Captain Clarke**, White flushed and penciled with carmine; wings edged with blue.  
**Cardinal**, Crimson, scarlet; very fine.  
**Carmine Invincible**, Bright carmine.  
**Countess of Radnor**, Standards delicate lavender; wings dark mauve; lovely.  
**Crown Prince of Russia**, Flesh color, salmon buff.  
**Delight**, White, softly suffused with carmine.  
**Dorothy Tennant**, Standards rosy mauve; wings blush mauve.  
**Duchess of Edinburgh**, Scarlet, flushed with crimson.  
**Duchess of York**, White, suffused with delicate pink.  
**Duke of York**, Bright rosy pink standards; primrose wings, tinted white.  
**Duke of Clarence**, Rosy claret; self-colored flower; extra large.  
**Eliza Eckford**, Pale rose flaked with deeper rose.  
**Emily Eckford**, Porcelain blue, suffused with reddish mauve.  
**Emily Henderson**, Splendid pure white; good for forcing.  
**Empress of India**, Rosy pink standards; white wings.  
**Fairy Queen**, White, flushed and feathered with pink.  
**Firefly**, Standards fiery scarlet; wings crimson scarlet.  
**Gaiety**, Standards white, striped rosy lilac; wings blush.  
**Her Majesty**, Beautiful soft rosy pink; very large flowers.  
**Imperial Blue**, Blue and mauve.  
**Indigo King**, Maroon-purple standards; indigo blue wings.  
**Isa Eckford**, Creamy white and rosy pink.  
**Lady Beaconsfield**, Salmon standards, tinted rose; wings pale yellow.  
**Lady Penzance**, Beautiful bright rose; splendid form.  
**Lemon Queen**, Blush pink and lemon; very beautiful.  
**Lottie Eckford**, Rose and white, edged with blue.  
**Meteor**, Bright orange-salmon standards, wings light pink.  
**Mars**, A fiery crimson scarlet, deepening with age.  
**Miss Hunt**, Carmine salmon and soft pink.  
**Mrs. Eckford**, White, delicately shaded with primrose  
**Mrs. Gladstone**, Delicately soft pink, with rosy blush wings.  
**Mrs. Jos. Chamberlain**, White, striped and flaked with bright rose.  
**Mrs. Sankey**, Very large; pure white; of most perfect form.  
**Novelty**, Scarlet, orange-tinted.  
**Oddity**, Pink edged and laced with rose, oddly curled edges  
**Orange Prince**, Orange pink, flushed with scarlet.  
**Ovid**, Standards and wings rosy pink, margined rose.  
**Painted Lady**, Good pink and white.  
**Peach Blossom**, Salmon pink standards; wings soft pink.  
**Princess Beatrice**, Delicate blush pink, marked with deeper shades.  
**Princess Louise**, Rosy pink standards; wings deep lilac.  
**Princess Victoria**, Bright scarlet wings, rosy mauve.  
**Princess of Wales**, White, striped lavender and mauve.  
**Purple Prince**, Dark blue.  
**Purple Striped**, White striped with dark purple and maroon.  
**Primrose**, Pale Primrose, yellow.  
**Queen of the Isles**, White and red striped and mottled.  
**Red Stripe of America**, Deep blood red stripes on white ground.  
**Romona**, Fine creamy white splashed and flaked with soft pink.  
**Rose and White**, Fine rose, shade white.  
**Senator**, Chocolate and creamy white, mottled and blotched.  
**Splendor**, Coppery crimson, suffused with rosy pink; very rich.  
**Stanley**, Deep maroon self; large and of finest form.  
**Scarlet Invincible**, Fine standard scarlet variety.  
**Venus**, Salmon buff; standards delicately shaded with rosy pink.  
**Vesuvius**, Carmine-rose, shading to velvety violet.

## SUMMER FLOWERING BULBS.

Our Bulbs are all of the very Finest Grades.

**Double Dwarf Pearl Tuberoses.**—Flowers very double and large; our bulbs can be relied on as sure bloomers; Prices. 3 for 10c; per doz., 25c; per 100, \$2.00.

If wanted by mail, add 15c per dozen.

**Gladiolus Bulbs.**

White and light shades, doz. 35c.

Red and scarlet shades, 30c.

Striped and variegated, 40c.

Yellow and orange, 50c.

Mixed, in all colors, 25c.

If Bulbs are wanted by mail, add 10c per dozen for postage.

**Double Dahlias.**—Assorted colors; each, 20c; per doz., \$2.00. If wanted by mail, add 10c for each bulb to pay postage.

**Caladium Esculentum** (Elephant's Ear).—A splendid foliage plant, large bulbs. Each, 15c; per doz., \$1.50.

**Chinese Paeonies.**—Magnificent herbaceous plants. They are perfectly hardy, require little or no

care, and produce larger and finer blooms when well established. Double crimson, 30c each; Double White, 30c each; by mail 10c each extra.

**Canna, or Indian Shot.**—The Canna is a fine foliage plant. The leaves are large, glossy green, tinted with red, purple or brown, and with showy spikes of flowers in various colors.

**Madam Crozy.**—Flowers dazzling scarlet; bordered with golden yellow; four feet high. 15c each; \$1.50 per dozen; by mail 5c each extra.

**Florence Vaughn.**—Very fine, golden-yellow, spotted with deep scarlet; three feet in height. 15c each; \$1.00 per dozen; by mail 5c each extra.

**Chas. Henderson.**—Fine crimson color, compact and uniform; 3½ feet high. Each, 15c; dozen, \$1.50; by mail 5c each extra.

**Paul Marquant.**—Flowers bright salmon scarlet, passing to rosy carmine; foliage dark green; 3 to 3½ feet. 15c each; dozen, \$1.50; by mail 5c each extra.

**LILIES.**

The Lily is a favorite flower everywhere. Select a well-drained spot, dig the soil deep, and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from three to five inches deep, according to size.

**Lilium Auratum.**—(The Golden-Rayed Lily of Japan.)—This variety, beyond question, is the grandest of all the lily family. The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear, golden band—very hardy—the best outdoor lily. 20c each; by mail, 25c.

**Lilium Longiflorum.**—Very large, pure white trumpet. 15c each; by mail, 20c.

**Speciosum Album Praecox.**—White, slightly rose-tinted; perfectly hardy. 25c each; by mail 30c.

**Speciosum Rubrum.**—Rose, spotted with crimson. 20c each; by mail 25c

**Remember our prices on Bulbs do not include postage; if you want them sent by mail, send extra money for postage, as noted above.**



Tuberose.

**Lily Tigrinum.**—(Tiger Lily.)—Splendid scarlet with black spots; very fine. 10c each; \$1.00 per dozen.

If Lily Bulbs are wanted by mail add 5c for each bulb for postage.

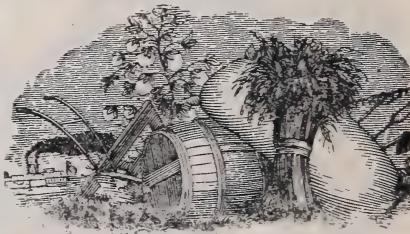
**Lily of the Valley.**—No garden is complete without a few clumps of these fragrant flowers, which are such universal favorites as to need no description. Strong flowering pips, 25c per dozen; \$1.50 per 100; by mail add 5c per dozen.

## CLOVER AND GRASS SEEDS.

Recleaned and New Crop.

As the market on Clover and Grass Seed is continually fluctuating, we cannot bind ourselves as to prices given below. Write for special prices when you are ready to buy. We are in a position to compete with any market in the country, as we buy in car lots, direct from the growers.

**Postage.**—Remit in addition, 10 cents per pound, and 15c per quart, except on light varieties, which do not weigh over 14 pounds per bushel, on which remit 5 cents per quart additional to prepay postage.



**Red Clover.**—This is the leading variety of Clover, and is more cultivated for hay pasture and as an enricher of the soil than any other. Red clover will do more to improve impoverished lands, and with less expense, than any other plant. A farmer who has had experience with it says: "If you want to grow big corn crops, grow Clover and pasture it with hogs. Plow up the land in the fall, and the corn crop following will make you happy." It should be sown, alone or with grain, in the fall or early spring months, and is frequently used in combination with Orchard Grass or Red Top, as they flower and are ready to cut about the same time. Weighs 60 pounds to bushel. Ten pounds will seed an acre. Best recleaned seed. Per pound, 15c; 10 lbs. for \$1.00; per peck, \$1.35; bushel, \$5.00.



Red Clover.

April. Does well also sown in the spring during March or April. It makes a splendid pasture all during winter, being very hardy. Improves the ground, even when all cut off, by its roots and their action on the soil. Sow at the rate of 15 lbs. to the acre. 1 lb., 15c; peck, 90c; bushel, \$3.50; by mail, 25c per lb.

**Mammoth, or Peavine Clover.**—This variety is different from the common red, being a more vigorous grower and coarser; will do well on poor, thin soil, where the Red Clover will not grow. Sow 10 lbs. per acre. 1 lb., 15c; 10 lbs. for \$1.00; peck, \$1.50; bushel, \$5.50.

**White Clover.**—Should be introduced in all mixtures for permanent pastures, and when required in lawns; 60 pounds to the bushel. Sow 6 lbs. to an acre. 1 lb., 35c; by mail, add 10c per lb.

**Scarlet, Crimson or German Clover.**—(*Trifolium incarnatum*.)—As an improver of the soil, and for an early summer forage or hay crop, no more valuable seed is known to us. Can be sown south as late as the last of October, and is ready to cut in

Our trees, evergreens, plants, etc., are all grown at our Memphis and Cedar Grove Nurseries, of which we are proprietors.



Alfalfa, or Lucerne Clover.

**California Burr Clover.**—(*Medicago Maculata*.)—An annual, winter growing. Burrs are sown loose on ground, two and one-half bushels per acre. Stop pasture when it blooms, and it will reseed the ground. Weighs 16 pounds to a bushel. 1 lb., 25c; bushel, \$3.50; by mail 35c per pound.

**Timothy.**—This is the most valuable of all grasses for hay. Thrives better on moist, loamy soils of medium tenacity. It should be cut just when the blossom falls. Sow early in the spring or fall, at the rate of 15 pounds per acre. 1 lb., 10c; peck, 50c; bushel, \$1.85; by mail 20c per pound.

#### GRASS SEEDS.

**Meadow Fescue, or English Blue Grass.** This is excellent for hay when sown with other grasses such as Orchard Grass and Timothy, and is also considered one of the best grasses for permanent pasture on a great variety of soils. Sow 20 to 30 pounds to the acre. Weighs 20 lbs. to bushel. Per lb., 15c; peck, 60c; bushel, \$2.00.

**Tall Meadow Oat Grass.**—Producing an early and luxuriant growth; this is a valuable variety for pastures. Also valuable as a soiling crop. Sow 20 to 30 pounds to the acre. Per lb., 25c; 10 lbs. for \$2.00; 20 lbs. for \$3.50.

**Fancy Clean Herds Grass.**—Free from chaff, perfectly clean and pure. Weighs about 30 lbs. to the bushel; use 5 or 6 lbs. per acre. Per lb., 25c; 10 lbs. for \$2.25; 20 lbs. for \$4.00; if by mail add 10c per pound for postage.

**Perennial Rye Grass.**—Is considered quite valuable, as it affords pasture quite early in the spring. The leaves are flat, long and glossy, the stalks rather short, seldom over eighteen inches in length. Sow in early spring at the rate of 1 to 1 1/2 bushels per acre. Weighs 20 lbs. to the bushel. Per lb., 15c; peck, 60c; bushel, \$2.00.

**Lucerne, or Alfalfa Clover.**—(*Medicago Sativa*.)—This is one of the most valuable Clovers we have, gives four or five successive cuttings, beginning early, of valuable hay during every summer; it is best suited to rich, sandy lands, roots penetrate to great depth, hence no drouth hurts it. It does well sown broadcast or in drills; take care of it the first summer; after that, with moderate good treatment it will take care of itself. When once set it will last a lifetime. Cut it as often as you find it grown; do not let it stand to bloom. Weighs 60 lbs. to bushel. Sow in fall or spring, 12 to 15 lbs. per acre. February has proved a very successful season for us here. 1 lb., 15c; peck, \$1.25; bushel, \$4.75; by mail 10c per lb. extra.

**Alsike, or Hybrid Clover.** Almost equal in nutritive value to the Red or Peavine Clover; five pounds to an acre; 60 pounds to the bushel. 1 lb., 20c; peck, \$1.75; by mail 30c lb.



Timothy.



Orchard Grass.

**Orchard Grass.**—The best known and most used of the grasses. Succeeds well on all soils (not wet), on open lands, in orchards and open woodlands. Will bear repeated pasturing and mowing more than any other grass. Sown with Red Clover, they bloom at the same time, and it will combine well with many other grasses. Weighs 14 pounds to the bushel. Sow in fall or spring  $1\frac{1}{2}$  to 2 bushels to the acre. Pound, 20c; peck, 50c; bu., \$1.75.



Herds Grass.

**Herds Grass, or Red Top.**—An excellent grass; thrives on any good soil; especially suited to low, damp land. Furnishes good grazing and hay, and particularly desirable for early spring grazing. Seed weighs 14 pounds to the bushel. Sow in fall or spring  $1\frac{1}{2}$  bushels to the acre. If sown with Red Clover, which makes a splendid pasture, use one

bushel Herds and seven pounds Red Clover. Pound, 10c; peck, 25c; bushel, 75c; choice quality. By mail 20c per pound.

**Bermuda Grass.**—Too well known to need description and praise. It is sown in March or April, when the ground has begun to be warm; sow on the surface only. Roll the soil down first, then sow the seed, and leave the rains to cover it. It takes two to four weeks to come, depending on the weather; requires some warmth; sow 3 to 5 pounds per acre. Price, oz., 15c;  $\frac{1}{4}$  lb., 40c; per lb., \$1.25. If by mail, 1 lb. \$1.35 postpaid.

Johnson Grass.  
(Sorghum Ha'apense.)

**Johnson Grass.**—Plant Johnson Grass as soon as the frost is out of the ground; one bushel to the acre. Cut while the head is in flower, before seed hardens, three to five cuttings per season; withstands any drought. Hogs devour the roots as if they were Sweet Potatoes. Is almost ineradicable. Do not let it go to seed; it spreads if you do. Twenty-five pounds to a bushel. 1 lb., 20c; peck, 75c; bushel, \$2.25.

**Sweet Vernal Perennial.**—Is very fragrant, especially when bruised. For a mixture with other grasses for lawns or pasture it is quite valuable, as it starts early in spring and grows until late in the fall. For hay its chief merit is its fragrant odor. 14 lbs. to a bushel. Per lb., 40c; by mail 50c, po'tage paid.

**Kentucky Blue Grass.**—(Fancy cleaned.)—The famous grass of Kentucky. It thrives upon any ordinary soil; for pastures and lawns it has no superior, giving that peculiar, rich shade of bluish-green so much admired in the best lawns; also making a very close, velvety turf. Sow two bushels per acre. Weighs 14 lbs. to the bushel. Per pound 20c; peck, 50c; bushel, \$1.50.

**Emerald Lawn Grass.**—Composed of the best varieties of Grass Seeds, especially adapted to produce a permanent, thick, heavy carpet-like lawn. We use only the very best re-cleaned seed, and is equal to any variety sold under any name; 14 pounds to a bushel. For new lawns, use 2 to 3 bushels of seed. For renewing old lawns, sow 1 to 2 bushels. Pound, 30c; 4 lbs., \$1.00; bushel, \$2.50. One pound seed will plant 20x30 feet. If wanted by mail add 10c per pound for postage.

**Rhode Island Creeping Bent Grass.**—A valuable grass for lawns of quick successive growth when cropped close. Perennial. Sow 20 lbs. to the acre. Weighs 12 lbs. to the bushel. Per lb., 35c; by mail 45c pound, postage paid.

**Rescue Grass.**—Thrives in most any soil, grown largely in Texas. Four or five green crops can be cut in a year, and every time it is cut another crop shoots from the roots; all kinds of stock eat it freely. Sow 20 lbs. to the acre. Per lb., 35c; 10 lbs. for \$3.00; 20 lbs. for \$5.00.

**Our Special Pasture Grass Mixture.**—To obtain the best results for pasture and hay we advise sowing the different varieties mixed, which yield both grazing for summer and winter. Our mixture consists of Orchard and Herds Grass, Meadow Fescue, English Rye Grass, Creeping Bent Grass, Tall Meadow Oat Grass and Timothy. In addition to this, but of course having greater weight and should be sown separately, can be added about five pounds of Red Clover, which is worth 12c per pound; sow one and one-half bushels of our mixed grass to the acre. Weighs 14 lbs. to the bushel. 1 lb., 15c; peck, 50c; bushel, \$1.75; 3 bushels for \$5.00; 5 bushels for \$8.00.

#### MISCELLANEOUS SEEDS FOR THE FARM.



Winter Vetch.

Cut before the peas mature. Sow broadcast at rate of 1 to 1 1/2 bushels to the acre like wheat or barley, and sometimes mixed with oats for soiling. Furnishes excellent grazing and makes splendid hay in enormous quantities. This variety can only be sown in the spring as it is not hardy like Vicia Villosa. 50 lbs. to the bushel. Quart, 25c; peck, \$1.00; bushel, \$3.00; by mail add 15c per quart for postage.

**Vetches, Spring.**—(Vicia Sativa.) — Sow broadcast at rate of 1 to 1 1/2 bushels to the acre like wheat or barley, and sometimes mixed with oats for soiling. Furnishes excellent grazing and makes splendid hay in enormous quantities. This variety can only be sown in the spring as it is not hardy like Vicia Villosa. 50 lbs. to the bushel. Quart, 25c; peck, \$1.00; bushel, \$3.00; by mail add 15c per quart for postage.

**Canada Field Peas.**—Highly valuable for an early hay crop; can be sown in February or March with a small quantity of oats to hold them up; they make a large yield of nutritious hay. Sow broadcast 1 1/2 bushels per acre. Weighs 60 lbs. to bushel. Quart, 10c; peck, 40c; bushel, \$1.85; by mail add 15c qt. for postage.

**Early Amber Cane.**—Immensely popular for forage; relished in its green state or cured by all stock, on account of sweetness of stalk and leaves. Ten lbs. of seed will plant an acre. Weighs 50 pounds to the bushel. 1 lb., 10c; 10 lbs. for 30c; peck, 40c; bushel, \$1.25; by mail 20c lb.

**Early Orange Cane.**—Equally as valuable as the Amber for forage, but on account of its larger growth is considered better for syrup making. 1 lb., 10c; 10 lbs. for 30c; peck, 40c; bushel, \$1.25; by mail 20c a lb.

Prices of Grass and Clover Seeds given here are subject to fluctuation of the market, but purchasers can depend on getting them at market price, and we will send as much seed as the money received will pay for.

**Pearl Millet.**—This old familiar favorite is known throughout the South as Cat-Tail Millet, Horse and Egyptian Millet; makes a great mass of foliage; can be cut several times in a season, furnishing fresh growth as long as season suits. Sow in April or after, in drills four feet apart, or drop a few seed in hills two by four feet. Cultivate as corn. 1 lb., 25c; 5 lbs., \$1.00. By mail, 1 lb., 35c; 8 lbs., \$1.00, postpaid.

**Hungarian Grass Millet.**—Height, three feet; suitable for rich bottom land where the German Millet grows too coarse. Sow 1 bushel to the acre. Peck, 40c; bushel, \$1.15.

**Common Millet.**—Height, two to three feet; foliage broad and very abundant. Sow 1 bushel to the acre. Peck, 30c; bushel, \$1.00.



Kaffir Corn.

and cultivate as corn. 1 lb., 15c; 10 lbs. 90; by mail per lb. 25c, postage paid.

**Cow Peas.**—The South's best friend; grows on poorest soil. Invaluable, whether grown for hay, peas, or soil renovator. They are becoming known to the North and West as a highly valuable fodder and fertilizing crop. The poorest kind of clay land can be made into a fertile loam by plowing under a crop of Cow Peas. Sow seed from May until August; 1½ to 2 bushels per acre; 60 lbs. to the bushel. We have all varieties, and handle them in car lots, can make you close figures. Write us at any time for special figures, stating quantity and variety wanted. Prices variable, from \$1.25 to \$1.75 a bushel.

**Seed Rye.**—Should be sown in August or September broadcast, at the rate of 1 to 1½ bushels per acre; is raised mostly for pasture. Quart, 10c; peck, 25c; bushel, 80c.

We have given in the rear pages of this catalogue a few recipes for Spraying Fruit trees, etc. It pays to spray.

**White Kaffir Corn.**—Grows from four to five feet high. The stalks keep green and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. For fodder, sow half bushel to one bushel, either broadcast or in drills. Pound, 10c; 10 lbs., 50c; by mail 20c a lb.

**Red Kaffir Corn.**—This grows taller than the White; heads are long, slender, compact and grows erect. The seed is red, smaller than that of the White. This variety is one of the best drought resisters among all the non-saccharine Sorghums. It ripens a little earlier than the White variety, and yields much heavier. Pound, 10c; 10 lbs., 50c; by mail 20c a lb.

**Yellow Milo Maize.**—This growth is tall, nine to twelve feet, stooling from the ground. On account of its branching habit and tall, massive growth, this grain should be planted in wide rows, and two to three feet in the dri according to the quality of the land, two plants to the hill. 1 lb., 10c; 10 lbs., 50c; peck, 65c; bushel, \$2.00; by mail per lb., 20c, postage paid.

**White Dhoura, or Large African Millet.**—Grows 8 or 10 feet high; easy to cure; keeps well in outdoor shocks, and well eaten by stock. Plant in three foot rows, leaving one or two plants every twelve inches in the row

and cultivate as corn. 1 lb., 15c; 10 lbs. 90; by mail per lb. 25c, postage paid.

**Fall Barley.**—Requires somewhat stronger soil than Rye; makes a more vigorous plant, stands more pasture; sow in fall, two bushels to an acre. Peck, 25c; bushel, 85c.

**Seed Wheat.**—We have all varieties that will succeed in our section. Write for prices.

**Genuine Golden German Millet.**—(Tennessee Grown.)—It is decidedly the best variety to grow, producing large crops of fine grass, ranging in growth from four and one-half to six feet high. Fifty pounds to the bushel. It requires one bushel to sow an acre. Prices variable, about \$1.00 to \$1.25 per bushel; peck, 40c.

**Buckwheat, Silver Hull.**—This improved variety is much better than the old sort. Yields double the quantity per acre. Sow 1½ bushels to the acre. 1 lb., 10c; peck, 50c; bushel (50 lbs.) \$1.50; by mail per lb. 20c, postage paid.

**Improved Evergreen Broom Corn.**—Grows about eight to ten feet high. The fibre is long and fine. Four to six quarts will plant an acre in drill. 1 lb., 10c; peck, 40c; bushel (46 lbs.) \$1.25; by mail 20c lb., postage paid.

**Genuine Texas Red Rust Proof Oats.**—Largely grown in this State; it is a heavy yelder, and entirely rust proof. Peck, 20c; bushel, (32 lbs.) 45c; 10 bushels, \$4.00.

**White Northern Oats.**—They are claimed to be the most productive variety in cultivation, with extra strong, straight straw, standing well. Peck, 20c; bushel (32 lbs.) 40c; 10 bushels, \$3.50.

**Black Seed Oats.**—A good, heavy oat, which is planted largely in this section. Peck, 20c; bushel, 45c; 10 bushels, \$4.00.

**Winter Turf Oats.**—For fall sowing. They are rust proof, and are adapted to light and heavy soils, and will stand the coldest freezing. When sown early, their roots strike down from ten to twelve inches deep, which insure them from winter killing and ready in spring to grow off, while spring oats are not sown on account of wet weather. Their deep rooting and stooling properties enables them to afford more fall and winter grazing than any known plant. Sow 1½ bushels per acre. Peck, 25c; bushel, 75c; 10 bushels, \$6.50.

**Burt Oats.**—The long and well-known oat distinctively for spring sowing. Always a sure cropper. Especially adapted to light soil where other oats will not grow high enough. Peck, 30c; bushel, 75c; 10 bushels, \$6.00.

**Chufas.**—(For Hogs.)—A species of "grass nut," much used to fatten hogs. The nuts grow underground near the surface; easily reached by pigs and poultry. Plant in April, ten or twelve inches apart, in 2½ foot to 3 foot rows. Should be soaked before planting. Cover lightly. They mature about September 1st, and lie in the soil till wanted. One peck of seed per acre. 1 lb., 25c; peck, \$1.00; by mail, 1 lb. 35c postpaid.

**Soja Bean.**—Splendid for forage; easily grown; stands drouth well; has been largely planted in all the States. Plants three to four feet in height. High authority upon analysis places its feeding value above the Cow Pea. Weighs 60 lbs. to the bushel. It is said, when parched and ground, this bean makes an excellent substitute for coffee. 1 lb., 15c; peck, \$1.00; bushel, \$3.00; 1 lb. by mail, post paid, 25c.

**Virginia Red Seed Peanuts.**—1 lb., 10c; 5 lbs., 40c; by mail, 1 lb. 20c.



Chufas.



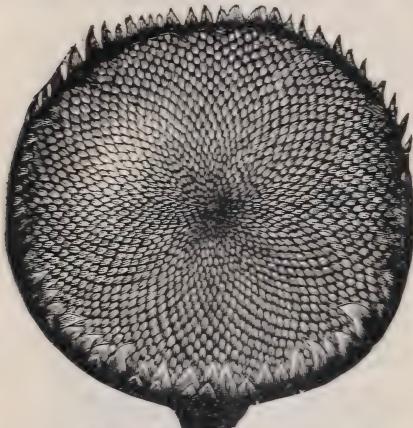
Soja Bean

**Virginia White Seed Peanuts.**—1 lb., 10c; 5 lbs., 40c; by mail, 1 lb., 20c.

**Spanish Peanut.**—Early: a fine bearer; growth perfectly erect, and therefore easily cultivated. The peas hang to the root; can be rapidly gathered. Makes the richest quality of hay; very sweet; fills out well. Splendid to fatten hogs. 1 lb., 15c; peck, 60c; by mail, 1 lb., 25c.

**Prolific Tree Beans.**—Growing about twenty inches in height, branching out in all directions, bearing its pods so high that they do not touch the ground. Quart, 20c; peck, \$1 25; bushel, \$4 00; by mail, quart 35c, postage paid.

**White Navy Bean.**—The Standard Shell Bean for field culture. Plant in May in rows about three feet apart, dropping two beans in each hill twelve inches apart. Quart, 20c; peck, \$1 00; bushel, \$3 25; by mail, quart 35c, postage paid.



Mammoth Russian Sunflower.

**Teosinte.**—A new forage plant of South American origin, largely excelling all other known plants in size of growth and great amount of forage produced. Cut for green feed in any stage, it is found good and wholesome, and the second and third growths come promptly in equal vigor and abundance. Two pounds of seed to the acre. Plant in April five by six feet, and cultivate as corn. 1 oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 75c; 1 lb., \$1 25, postage paid.



A Single Plant of Teosinte.

**Mammoth Russian Sunflower.**—Single heads measure twelve to twenty-one inches in diameter, and contain an immense amount of seed. It is the best egg producing food known for poultry. There is nothing better than the Sunflower seed for horses, etc., a good mess once a week will keep them sleek and in good order. 1 lb., 15c; 10 lbs., \$1 00; or by mail, 1 lb. for 25c.

**Dwarf Essex Rape.**—In England and Germany this is the universally grown forage crop. Sown for pasturing lambs and sheep, and also for cows—no crop there equals it. Sow five to ten pounds per acre in spring or fall, broadcast or drill in damp lands, or drill in rich uplands. 1 lb., 20c; 5 lbs., 75c; or by mail, 1 lb., 30c; 4 lbs., \$1 00.

**Japan Rice.**—This has proven to be a fine variety of Rice for upland culture. It is prolific, matures in 100 days from planting. Sown in March or April, it is harvested in July. Sow broadcast two bushels, or in drills 5 to 6 pecks per acre. Price, 25c per pound; if by mail, 35c per pound; 3 pounds \$1 00, postpaid. Peck, \$1 00;  $\frac{1}{2}$  bushel, \$1 75; bushel, \$3 25.

#### BIRD SEED.

If to be sent by mail, add 10c per pound for postage. Special prices on large lots.

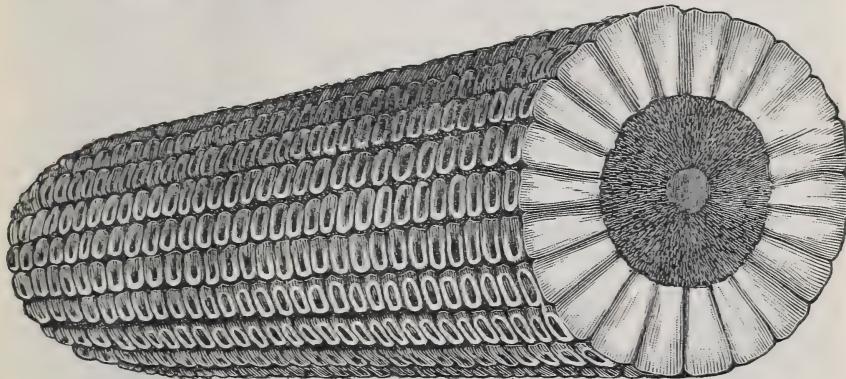
Mixed Bird Seed.....	per lb. 10c	Poppy Seed.....	per lb. 25c
Canary Seed.....	" 10c	Rape Seed.....	" 10c
Hemp Seed.....	" 10c	Cuttlefish Bone, oz., 10c	" 75c
Lettuce Seed.....	" 50c	Sunflower Seed, for Parrots.	" 15c

### SELECTED SEED CORN.

The Seed Corn we offer has all been selected especially for the seed trade.

**If Corn is wanted by mail add 15c per quart for postage.**

**Iowa Gold Mine.**—A very large, pure yellow variety, immensely productive, having a record of 125 bushels per acre. Ears average 12 inches long, rows 16 to 20 in number, grains very deep and orange yellow. It will mature in 100 to 110 days; stalk grows stout and vigorous. Quart, 15c; peck, 50c; bushel, \$1.35; 2 bushels for \$2.50, bags included; by mail, add 15c quart for postage.



Mosby's Prolific Corn.

**Mosby's Prolific Corn.**—This is a Southern Corn, and is recommended for general crop. The originator of this variety says: "This corn is a cross between two widely different varieties. It is purely white; small cob, deep, full grain, neither too hard nor too soft and stands crowding in the drill as close again as any other kind. Ears of medium size, but long. It stands the drouth better than ordinary corn." Quart, 15c; peck, 60c; bushel, \$1.50; 2 bushels for \$2.75, bags included; by mail, add 15c quart for postage.

**Golden Beauty.**—A handsome yellow sixteen-rowed Corn, of fine shaped ears, medium hard, long, broad grains, maturing in from 110 to 120 days, and an immense yielder, with strong medium tall stalks. Quart, 15c; peck, 50c; bushel, \$1.25; 2 bushels for \$2.30, bags included.

**Tennessee White.**—A mammoth white variety grown in this section. Grain soft, shells readily and is a large yielder. Matures in about 120 days. Qt., 15c; peck, 40c; bushel, \$1.25; 2 bushels, \$2.30, bags included.

**Pride of the North.**—One of the best yellow Dent Corns grown, can be planted in this section as late as July 10th, and it will fully mature before frost. Ear is from seven to ten inches in length and is one to two inches in diameter; grain is deep yellow in color, and of long, narrow shape, but thick; cob is very small and red. Quart, 15c; peck, 40c; bushel, \$1.25; 2 bushels for \$2.80, bags included.

**Prince Charles White.**—This Corn is a much liked and well known variety; ears hard about twenty rows of grain. It is immensely productive, and matures in about 125 days; grains large and deep, cob of medium size. Quart, 10c; peck, 35c; bushel, \$1.00; 2 bushels for \$1.80, bags included.

**Boone County White.**—A fine, large white Corn, deep full grain and succeeds well in this section; matures in about 120 days. Quart, 15c; peck, 50c; bushel, \$1.35; 2 bushels for \$2.50.

**White Hickory King.**—The merit of this pure white corn is now so well-known as to need no introduction from us. This corn has the smallest cob and the largest grains of any corn in the world; from eight to fourteen rows on the cob. The ears are not large but very heavy. It will mature in 110 days and outshell any corn ever seen. Quart, 15c; peck, 50c; bushel, \$1.35; 2 bushels for \$2.50, bags included.

**If corn is wanted by mail always add 15c per quart for postage.**



The Celebrated Conscience Corn.

**The Celebrated Conscience Corn.**—This wonderful variety was introduced by Mr. Jeff. Wellborne of Northern Texas. It certainly stands at the head of all other sorts for largest yield of shelled corn and largest size ear. Think of it, ears that take only 35 to 40 to shell out a bushel of corn! A single ear will shell one quart. Its Southern origin causes it to fit our Southern climate better than any other sort, growing very robust, withstands our long drouths. The stalks grow eight to nine feet in height, and it shculd not be planted as close as our common corns. It is a white gourd seed variety and has no equal for sweet cornbread or fattening stock. The Conscience Corn is justly called the **Jumbo of Indian Maize**, and will satisfy anyone in yield or quality. Our seed is genuine. By mail, postpaid, 1 lb., 25c; 4 lbs., 85c. By express or freight, 1 quart, 20c; 4 quarts, 50c; peck, 75c; bushel, \$2.50.

**Clarke County Champion.**—A fine early 100 day white Corn, very hardy, stands the heat well; quite a favorite with our growers both for field and garden use. Quart, 15c; peck, 50c; bushel, \$1.50; 2 bushels for \$2.50, bags included.

**Improved Early Yellow Leaming Corn.** This is a particularly good variety of corn for withstanding severe droughts, which characteristic is owing to its earliness, strong and vigorous growth, and its stocky and leafy nature. The ears are of good size; cob red and small, with a deep, large grain of bright yellow. It is somewhat of a Dent variety, and is a valuable sort to plant when it is desired to remove it in time to seed the ground for fall crops. If planted by the first of June, it will generally ripen and be fit to husk and crib early in September. Strictly a 90 day corn. Quart, 15c; peck, 40c; bushel, \$1.25; 2 bushels for \$2.30, bags included.

**White Queen.**—An excellent white Corn maturing quite early; one of the best for meal; ears large, grains broad and deep. Quart, 15c; peck, 30c; bushel, \$1.15; 2 bushels for \$2.00, bags included.

**Early Surprise Corn.**—This fine corn cannot be praised too much; the earliest white field corn in cultivation; planted on or about the middle of March it will mature by the 1st of July. Take this seed and plant again as late as July 15th and you will be certain of late or second crop. The early Surprise Corn is the variety to plant if you want to be sure of a crop maturing before the drouth comes in August. Ears good average size and stalks grow vigorous and strong; quite a distinct variety. Quart, 15; peck, 60; bushel, \$2.25; 2 bushels for \$4.00, bags included.

**North Carolina White Prolific.** A very early variety of white field corn. It is very hardy, and can be planted very early as well as late, as it matures very quickly. It is of a slightly flinty character, makes beautiful white ears, not only making a splendid field corn, but is a fine early market variety as well and superior in yield to any other variety of early corn we know of, always bearing two good ears and sometimes as many as five and six good average size ones. Qt., 10; peck, 50c; bushel, \$1.40; 2 bushels for \$2.50, bags included.

**Black Tennessee Beauty.**—A tremendous yielder and scoffs at drouths, rain or bad weather; from tests made the past season, a very dry one, no variety will stand a drouth better and yields a heavier crop. Stalks and ears medium size, the latter are heavy and solid, and the black bluish grains, are very handsome and never rot. Husks and shells easily and will please all who try it. Quart, 20c; 4 quarts, 60c; peck, \$1.00.

#### CORN—POP OR PARCHING.

**White Rice Popcorn.**—Pops clear white and finest flavor of any variety; crisp and sweet.

**Queens Golden Popcorn.**—One of the largest yellow and most prolific varieties grown. It pops perfectly white, and a single kernel will expand to a diameter of nearly one inch.

**White Lace Popcorn.**—A fine variety; clear white and very productive.

Prices of the three varieties of Popcorn listed, as follows: 1 lb., 15c; 10-lb. lots at 10c per pound. Or, we will send you by mail, postage paid, packets, 5c; 1 lb., 25c; 4 lbs., 80c.



Early Yellow Leaming.



Tennessee White.

When wanting Corn sent by mail always add 15c per quart to pay postage.

## COTTON SEED.

Our list comprises a few of the very best varieties for this section.

**King's Improved Cotton.**—As shown by results the past season this is one of the best kinds to plant in this section, either in bottom or hill land. Owing to its peculiar branching habit it is a very prolific variety. Plant hardy and stands long drouth, and with its small seed will give more lint than any other sort, yielding from 1200 to 1800 lbs. seed cotton to the acre, according to the soil. Extra early and can be planted as late as July 1st, will mature good crop. We have the true stock of this celebrated variety. Don't fail to try a few bushels. Peck, 60c; bushel, \$1.25; or 5 bushels for \$5.00. By mail, 1 lb., 25c; or 4 lbs. for 80c, postage paid.

**Tyler's Prolific.**—A fine limbed cluster variety, very prolific; fruit from the ground to the top and matures every boll. The past season, a very dry one, Tyler's Prolific produced 1½ bale per acre, and no doubt, with good manuring and judicious culture up to fruiting time, will yield good 2 bales per acre; superior lint and fine staple. The introducer has nursed the seed for some years, carefully improving the quality every season. Stock of this excellent Cotton Seed is limited, order early, as it lays all other kinds in the shade. Peck, 75c; bushel, \$2.00; or 5 bushel for \$8.00. By mail, 1 lb., 35c; or 3 lbs. for \$1.00 postage paid.

**Dougherty's Long Staple.**—An improved variety of extraordinary long staple, 1½ inches long. The stalk is long limbed and branching; yields 400 lbs. lint cotton to the acre. In Georgia, where this fine variety comes from, it sold for 3c per pound over the middling cotton. Our seed is absolutely pure. Peck, 50c; bushel, \$1.50; 4 bushels for \$5.50.

**Allen's Long Staple.**—A well-known and standard variety of long staple cotton. We have the genuine pure seed of this reliable variety. Peck, 50c; bushel, \$1.00; or 5 bushels for \$4.00. By mail, 1 lb., 25c; or 4 lbs. for 75c.

**Lawton's Sea Island.**—This variety is grown almost exclusively by the planters on the islands in the neighborhood of Charleston, S. C. Produces the finest quality of lint and sells for much higher price than any other sort. We have made arrangements with one of the largest planters in that vicinity to supply us with the genuine seed of this sort. Peck, 75c; bushel, \$2.00. By mail, 1 lb., 35c; or 3 lbs. for \$1.00.

## Asparagus and Rhubarb Roots.

**Asparagus Roots.**—A bed 12x40 feet, requiring about 100 roots, should give an abundant supply for an ordinary family.

**Culture.**—Asparagus plants should be set out in spring or fall in a rich, sandy loam, dug eighteen inches deep, into which has been worked plenty of well-rotted manure. In planting for private use, set out in beds five feet wide, three rows in a bed, the outer rows being each one foot from the edge, and allow twelve inches in the rows; set the plants at least six inches below the surface. If set out in autumn, top-dress with six inches of manure.

**Conover's Colossal.**—A well-known and standard variety; large two-year-old roots. Per 100, 75c; per 1000, \$6.00.

**Palmetto.**—An improvement on Conover's, in that it yields a much heavier crop, and of much more even and regular size. Large two-year-old roots, per 100, \$1.00; per 1000, \$8.00.

**Remember in comparing our prices we pay postage on all seeds, excepting Peas, Beans, Corn, Bulbs and Grass Seeds.**

**Rhubarb Roots.**—Rhubarb roots may be planted early in spring or fall, setting the roots three feet apart each way. Once planted it will remain in bearing condition a long time, only requiring a top-dressing of manure dug in spring or fall. Choice selected plants, per dozen, \$1.00; each, 15c; by mail add 10c each for postage.

**Horseradish Sets.**—The best Horseradish is produced from small pieces of root. The soil should be very rich and well cultivated. Per dozen, 20c; per 100, \$1.00; per 1000, \$7.00; by mail add 10c per dozen for postage.

**Jerusalem Artichokes.**—There is no root crop which has more rapidly grown in favor than this one; enormously productive. Hogs fed on them never have the cholera. Plant during early spring, in rows four feet apart, two feet in row. Cut same as you do potatoes, leaving one eye. Cover about two inches. Three bushels will plant an acre. Qt., 10c;  $\frac{1}{2}$  peck, 30c; peck, 50c; bushel, \$1.25.



Jerusalem Artichokes.

## Vegetable Plants in Season.

Grown by us from our very best Seed Stock.

Cabbage Plants, per 100, 35c.....	per 1000, \$2.50
Cauliflower Plants.....	per 100, 75c
Tomato Plants, per dozen, 15c.....	per 100, 75c
Tomato Plants, in pots, stocky and strong.....	per dozen, 25c
Egg Plants, dozen, 30c; Egg Plants in pots.....	per dozen, 40c
Lettuce Plants.....	per 100, 25c
Pepper Plants, dozen, 30c; Pepper Plants in pots.....	per dozen, 40c
Sweet Potato Plants, per 100, 30c.....	per 1000, \$2.00 @ \$2.50
Sweet Potato Plants Bunch or Vineless Yam, per 100, 40c	per 1000, 3.50

## Our Garden Library on Agriculture and Horticulture

From the best authors sent postpaid on receipt of price.

Asparagus Culture, by Barnes & Robinson.....	\$0 50
Broom Corn and Brooms—A Treatise on Raising Broom Corn.....	50
Cabbages—Gregory.....	30
Cauliflowers—Brill.....	20
Gardening for Profit—Henderson.....	2 00
My Handkerchief Garden—Barnard .....	25
New Onion Culture—T. Greiner.....	50
Gregory on Onion Raising—J. J. H. Gregory .....	30
Truck Farming at the South—A. Oemler.....	1 50
Sweet Potato Culture—Fitz.....	60
Silos, Ensilage and Silage—Miles .....	50
New Potato Culture—Carmen.....	50
Practical Floriculture—Henderson .....	1 50
Play and Profit in My Garden—E. P. Roe.....	1 50
The A B C of Potato Culture—W. B. Terry.....	35
Tomato Culture—J. W. Day, D. Cummins and A. I. Root.....	35
Market Gardening and Farm Notes—Burnet Landreth.....	1 00



## Fruit Trees, Vines and Nursery Stock OF EVERY DESCRIPTION.

Ask for our complete illustrated catalogue of choice Nursery Stock of every kind. We have room here for only a condensed list.

In this Department our customers can depend on everything being strictly first-class. You need have no fear of the trees you get from us. When buying a thing the value of which you do not know, pick out an old established firm to trade with and trust their experience and reputation. Its the safe way. We do not handle the cheap rubbish with which the country in general is flooded, but good, healthy and thrifty trees true to name and that will bear fruit. Our stock embraces the best old and new varieties of sterling merit, which practical experience has shown succeed best in this section. We do not list any varieties but what are suited to this climate.

Our terms are strictly cash; we will not ship any trees or plants C. O. D.

No orders taken for less than \$1.00.

If you desire to purchase large quantities of nursery stock send us a list of your requirements for special prices.

Respectfully yours,

OTTO SCHWILL & CO.,  
Proprietors of the Memphis and Cedar Grove Nurseries.

### APPLES. .

Each, 20c; per dozen, \$1.80; per 100, \$12.00; 25 at 100 rates.

#### Summer and Early Apples.

Early Harvest,	Early Colton,	Early Ripe,	May Pippin,
Red June,	Yellow Transparent,	Summer Rose,	Family,
Red Astrachan,	Julian,	Summer Queen,	Horse,
	Duchess of Oldenburg.		

#### Fall Apples.

Bachelor,	Bell Flower,	Fall Pippin,	Fall Strawberry,
Gloria Mundi,	Gravestein,	Maiden Blush,	Rome Beauty.

#### Winter Apples.

Arkansas Black,	Ben Davis,	Black Twig,	Grimes Golden,
Kentucky Streak,	Hall,	Kiunaird's Choice,	Nickajack,
Rawless Janet,	Shockley,	Tull,	Wine Sap,

All Nursery Stock, Fruit Trees and Ornamental Trees, Evergreens and Plants we offer on our list are strong, well developed 2 year old, with whole roots. If cheaper or 1 year old Trees are wanted ask for prices on them.

**Crab Apples.**

Each, 25c; per dozen, \$2.40.

Hewes Virginia Crab,      Red Siberian,      Yellow Siberian,      Transcendent,  
Hyslop,                      Martha,                      Whitney No. 20.

**APRICOTS.**

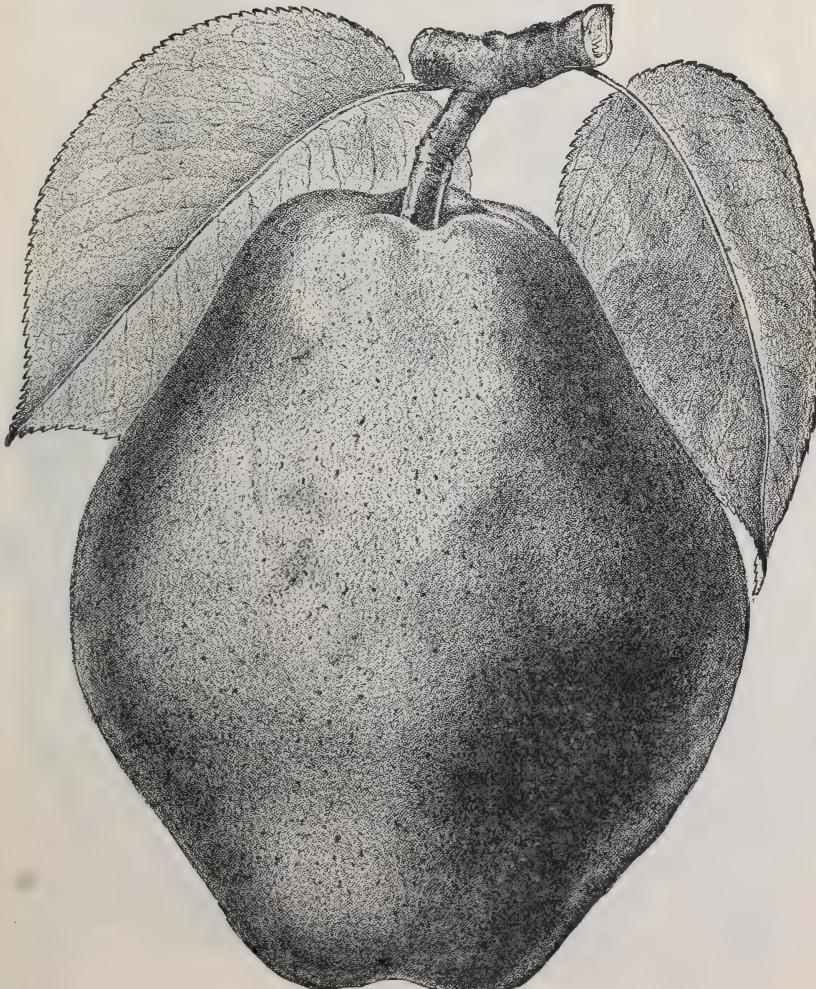
Each, 25c; dozen, \$2.40.

Early Golden,              Moore,              Park,              Russian,

**CHERRIES.**

Each, 40c; per dozen, \$3.60.

Early Richmond,              Late Duke,              May Duke,              Governor Wood,  
\* Wright's Mammoth,              Wright's Early.



Keiffer Pear.

## PEARS.

Each, 40c; dozen, \$3.60; 100, \$20.00; 25 at 100 rates.

Bartlett,	Bloodgood,	Clapp's Favorite,	Doyenne Boussock,
Early Harvest,	Jefferson,	Duchess D'Angouleme,	Lawrence,
Seckel,	Wilder's Early,	Louise Bonnie DeJersey,	Garber,
Leconte,	Keiffer,	Manning's Elizabeth,	Koonce.

## PEACHES.

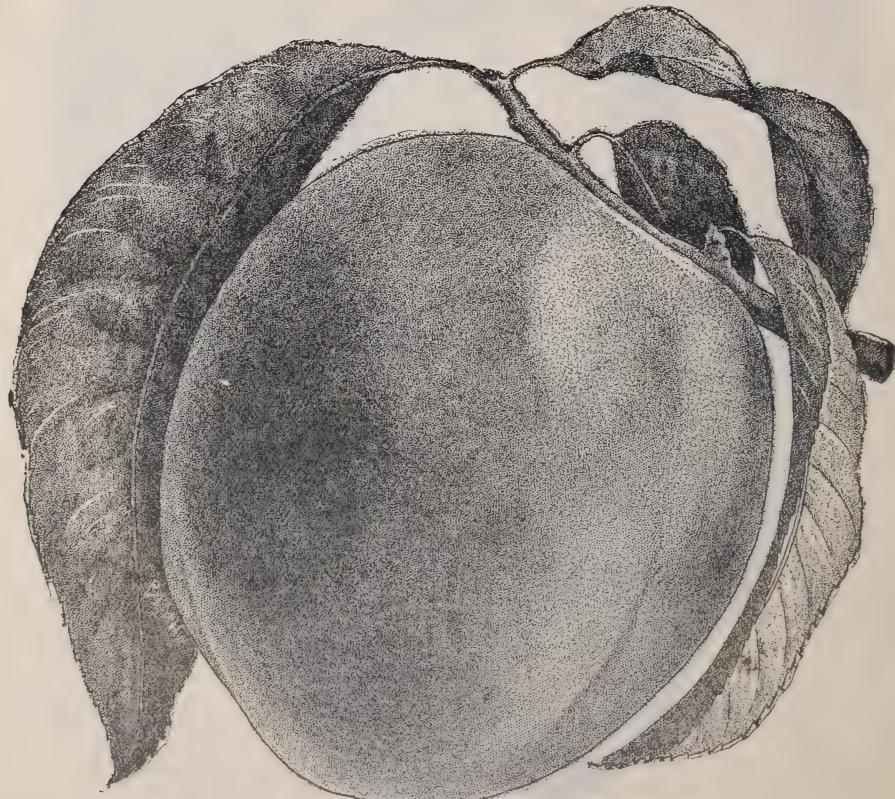
Each, 20c; dozen, \$1.80; 100, \$12.00; 25 sold at 100 rates.

Amelia,	Chinese Cling,	Columbia,	Crawford's Early,
Elberta,	Ensley,	Foster,	Crawford's Late,
Alexander,	Early Rivers,	Early Tillaston,	Early St. John.
Greensboro,	Sneed,	Triumph,	Crosby's Early,
Indian Blood,	Lemon Cling,	Muir.	Old Mixon Cling,
Henrietta,	Stump of the World,	Lady Parham,	Old Mixon Free,
Heath Cling,	White English Cling,	LaGrange,	Picquets Late,
Heath Free,	Wonderful,	Eaten's	Golden Cling.

## PLUMS.

Each, 40c; dozen, \$3.50.

Wild Goose,	Damson,	Satsuma,	Abundance,
Burbank,	Kelsey,	Wickson,	Willard,
	Brown's Prissardi Purple Leafed.		



Sneed Peach.

QUINCES.

Each, 40c; dozen, \$3.50.

Angers, Orange, Rea's Mammoth, Champion.

NECTARINES.

Each, 35c; dozen, \$3.00.

Elrige, Hunt's Tawny, Stanwick.

ALMONDS.

Each, 50c; dozen, \$5.00.

Princess, Hard Shall, Sultana.



BURBANK

Burbank Plum.

CURRANTS.

Each, 15c; dozen, \$1.00; 100, \$5.00.

Cherry, Fay's Prolific, Red Dutch.

FIGS.

Each, 35c; dozen, \$3.00.

Brown Turkey, Celestial.

GOOSEBERRY.

Each, 15c; dozen, \$1.00; 100, \$5.00.

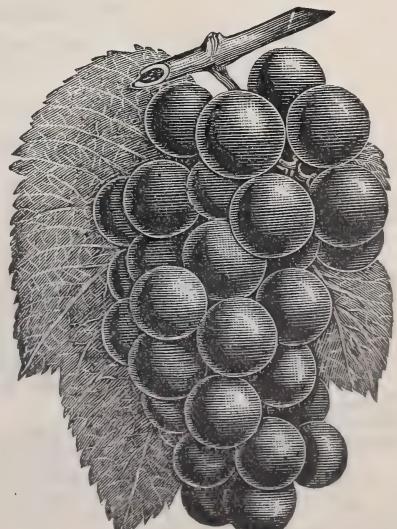
Downing, Houghton's Seedling.

GRAPES.

2 year old, strong roots.

Each, 20c; dozen, \$2.00; 100, \$15.00, 25 sold at 100 rates.

Brighton,	Empire State,
Concord,	Moore's Early,
Deleware,	Lady Washington,
Ive's Seedling,	Lutie,
Martha,	Niagara,
Pocklington,	Prentiss,
Perkins,	Worden, Scuppernong.



Moore's Early Grape.

## RASPBERRIES.

Each, 10c; dozen, 50c; per 100, \$2.50; 25 at 100 rates.

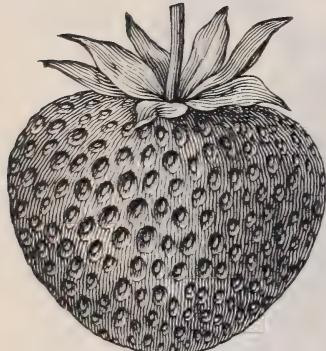
Cuthbert, Mam. Cluster, Gregg, Turner, Queen of the Market.

## BLACKBERRIES.

Each, 10c; dozen, 60c; 100, \$2.50; 25 sold at 100 rates.

Earley Harvest, Snyder.

JAPANESE PERSIMMONS.—Each, 50c; dozen, \$5.00.



Michell's Early Strawberry.



Hicks' Mulberry.

## STRAWBERRIES.

Dozen, 25c; per 100, \$1.00; per 1000, \$4.00 to \$4.50; 500 sold at 1000 rates.

Michell's Early, Bubach, Tennessee Prolific, Kentucky,  
Parker Earle, Crescent, Sharpless, Brandywine.

## MULBERRY TREES.

Each, 35c; dozen, \$3.00.

Downing, Hicks' Everbearing.

PECAN TREES.—Each, 75c and \$1.00, according to size.

## SHADE AND ORNAMENTAL TREES.

Good, strong developed Trees.

Each, 50c to 75c; dozen, \$5.00 to \$8.00; according to size.

American White Ash, European Mountain Ash, American Elm,  
American Linden, Magnolia Acuminata, Weeping Willow,  
Double Flowering Peach, Teas Weeping Russian Mulberry, Silver Leaf Maple.  
Sugar or Rock Maple, Texas Umbrella or China, each 75c to \$1.00.  
Carolina Poplar.

## EVERGREEN TREES.

Each, 75c to \$2.00; dozen, \$5.00 to \$15.00, according to size.

Balsam Fir, Tree Box, Silver Fir, English Yew,  
Norway Spruce, Hemlock Spruce, American Aborvitæ, Golden Aborvitæ  
Pyramidal Aborvitæ, Irish Juniper, White Pine, Lawson Cypress,  
Magnolia Grandiflora, each \$1.00 to \$2.00.

We will be pleased to give you special prices at any time on  
Grass and Clover Seeds. Write us, stating quantities you will  
want.

## CLIMBING PLANTS.

Each, 25c to 35c; dozen, \$2.50 to \$3.00.

Virginia Creeper,	English Ivy,	Clematis Flammula,
Clematis Jackmanii,	Golden Leaved Honeysuckle,	Scarlet Trumpet Shape Honeysuckle,
Chinese Evergreen Honeysuckle,	Chinese White Wisteria.	
American Blue Wisteria,		



Silver Maple Tree.



Carolina Poplar Tree.

## ORNAMENTAL SHRUBS.

Each, 30c to 50c; dozen, \$3.00 to \$5.00.

Althea, Double Purple,	Calycanthus,	Hardy Orange,
Deutzia Crenata,	Deutzia Gracilis,	Japan Quince,
Tartarian Honeysuckle,	Common Lilac,	Persian Lilac,
Hydrangea Paniculata,	White Lilac,	Spirea Billardia,
Mock Orange,	California Privet,	Spirea Reevesi,
Snowball,	Weigela Amabilis,	Spirea Van Houtii,
Weigela Rosea,	Weigela Hortensi Nivea.	

## ROSES (Everblooming.)

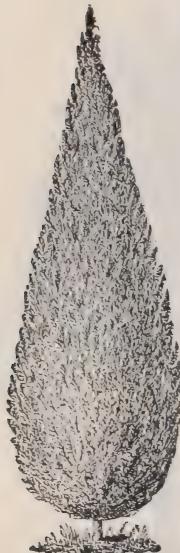
One year old plants, each 15c; doz. \$1.00.

Strong 2 year old plants, each, 30c;  
dozen, \$3.00.

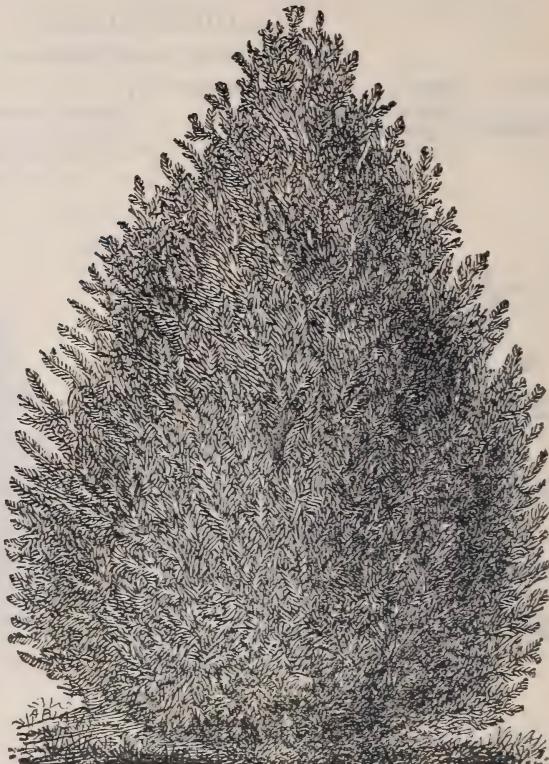
American Beauty,	La France,
White La France,	Duchess of Albany
Bridesmaid,	The Bride,
Catherine Mermot,	Meteor,
Madam De Watterville,	Golden Gate,
Madam Welche,	Papa Gontier,
Madam Cochet	The Queen,
Marie Van Houtte,	Souvenir De Wooten
Devoniensis,	Sunset,
Kaiserin Augusta Victoria,	Solfaterre,
Pearl of the Garden,	Marchal Neil.



China Umbrella Tree.



Irish Juniper.



American Arborvitæ.

**CLIMBING ROSES.**

One year old plants, each, 15c; dozen, \$1.00.

Strong 2 year old plants, each, 30c; dozen, \$3.00.

Climbing Pearl,

Reine Marie Henrietta,

Crimson Rambler,

La Marque,

Climbing Meteor,

White Rambler,

Climbing Niphotos,

Pink Rambler,

Yellow Rambler,

Climbing Marchal Neil,

Golden Rambler.

**HYBRID ROSES.**

One year old plants, each, 15c; dozen, \$1.00.

Strong 2 year old plants, each, 30c; dozen, \$3.00.

Paul Neyron,

Prince Camille De Rohan,

Captain Christy,

Ulrich Bruner,

Gen. Jacqueminot.

**GREENHOUSE DEPARTMENT.**

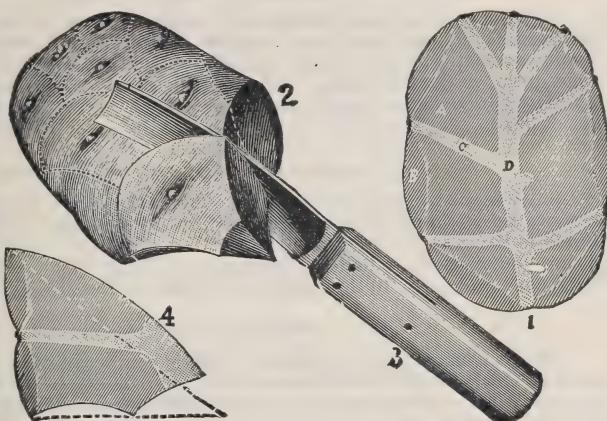
We have lately built new Greenhouses and are prepared to fill all orders for bedding plants of all kinds, such as Geraniums, Verbenas, Heliotrope, Carnations, Fuschias, Begonias, Coleus, Pansies, Daisies, etc. Owing to our limited space in this catalogue we cannot list them here, but will be pleased to make prices on anything you wish in that line. Send all orders to OTTO SCHWILL & CO., 304 Front St., Memphis, Tenn., Proprietors Memphis and Cedar Grove Nurseries.



Norway Spruce.

## HUMPHREY'S CONCAVE POTATO KNIFE.

With the Concave Potato Knife, seed potatoes can be cut better, and \$2 to \$3 an acre saved in seed and time by its use; our illustration shows how the eyes are cut with the knife, making a compact piece with the eye in the center surrounded by the greatest possible amount of tuber. If the same eye had been cut by a straight knife, the piece would be thin, flat and broad, liable to dry up and decay before germinating. A circular put in each box with the knife. Price, postpaid 35c.



## THE "PEERLESS" GARDEN CULTIVATOR.

Five tools in one; more work done in an hour than in all day with a hoe; once tried the old style low wheel tools are thrown aside. Try it. Price, \$5.00, complete.

## Poultry Supplies.

It pays to raise Chickens—There's big money in Eggs.

Patent Stoneware Drinking Fountain, for Poultry, Pigeons and Bees.

The Best and Cheapest Fountain in the Market. Thousands of them in use.



They keep the water cool and clean, and chicks from getting wet. To fill, set it up on end and pour the water in, then lay it down on its side, as shown in the engraving and a vacuum is formed which keeps the water in, but allows free access to it. To clean, if it needs it, fill with water and sand, turn it sideways and shake the water and sand out.

Many do not appreciate the necessity of a fountain; but impure water, caused by exposure to the sun, and filth scratched into old crocks and pans, are the cause of much disease and death in the poultry yard. Chicks also get into open jars, and either drown or get wet and die. Saving the life of one valuable bird will pay for a dozen fountains. Price,  $\frac{1}{2}$ -gallon, weight, 3 lbs., each, 25c; 1-gallon, weight, 6 lbs., 35c; 2-gallon, weight, 12 lbs., 50c.



**Rust's Egg Producer, or the Hen Persuader.**—Makes fowls vigorous and healthy, shortens the moulting period, prevents and cures leg weakness, etc. This preparation will give best results in winter months especially when eggs command goods prices. 1-lb. box, 25c;  $2\frac{1}{2}$ -lb. box, 50c; 6 lb. box, \$1.00; 10-lb. box, \$1.50. If wanted by mail, add 16c a pound for postage.

### Crushed Oyster Shell.

In many sections the soil being deficient in lime, it is absolutely necessary to have some combination of it on hand at all times, and within easy access of the fowls, especially in those yards where the birds are confined. Oyster shell is beyond question the best form of lime for the formation of egg shells. Hens will lay better, have better health, and give a much larger per cent. of fertile eggs. Price, per lb., 5c; 5 lbs. 15c; 10 lbs., 25c; 25 lbs., 50c; 100 lbs., \$1.50.

### Crushed or Granulated Bone.

Bone is one of the great essential elements to have in the poultry yard. Bones being largely composed of phosphate and carbonate of lime, the gelatine contained in them assists in the formation of eggs, and very greatly increases the laying qualities of the hens, and imparts general vigor and health to the flock. Price per pound, 5c; 10 lbs., 40c; 25 lbs. 90c; 50 lbs., \$1.50; 100 lbs., \$2.75.

### Mica Crystal Grit.

This is a sharp, gritty substance, and is composed of mica and quartz; of great value to fowls to aid their digestion and keep them in health. It is much liked by them; they leaving gravel and other substances when they have free access to the mica crystal. Price, 1 lb., 5c; 5 lbs., 20c; 10 lbs., 30c; 25 lbs., 60c; 100 lbs. \$2.

### Royal Poultry Food.

One of the best preparations to keep hens laying both winter and summer. Fed to little chickens makes them grow robust and rapidly. 2-lb. package, 25c; by mail, 45c.

### Nest Egg Gourd Seed.

Produce hundreds of white gourds, closely resembling eggs in size, color and shape. Should be grown by all poultry men. Packet, 5c; oz., 25c.

### Sunflower Seed.

Fed occasionally, this is very beneficial, producing rich, glossy plumage. 1 lb., 15c; 10 lbs., \$1.00.

### Rust's Havens' Climax Condition Powders.

No owner of poultry and stock should be without this Condition Powder. Alike good for horses, cattle and poultry, and hogs. A most wonderful tonic. It expels worms from horses harmlessly. Cures diseases in poultry and keeps them healthy. The only real cure for gapes and fowl cholera. Fed to little chicks will give them strength. Hogs will keep healthy, thrive and fatten with it. We have been handling this Powder for years and can safely recommend it; it will do all we claim for it. Price, 14-oz. package, 25c; 32-oz. package, 50c; 5-lb. box, \$1.00. If wanted by mail add 16c per pound for postage.

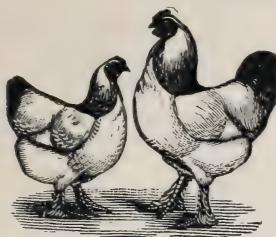


### Rust's Haven's Roup Pills.

The only sure cure for roup in fowls. These pills act directly on the glands and mucous membrane, and allay all tendency to fever and carry off all morbid matter from the system. For catarrh, colds and distemper there is no better remedy. Price per box of 48 pills, 25c by mail.

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**Tyler's Prolific Cotton Seed** stands the drouth, and is one of the most productive sorts yet introduced.

**Mixed Chicken Feed for Poultry, Ducks, Etc.**

This Mixture consists of many varieties of seeds and grain including cracked corn and wheat, also the right proportion of ground oyster shells, all of which are greatly relished by poultry, and gives the fowls plenty of work and exercise, which is absolutely necessary to keep them in a healthy condition. All poultry thrive best on a variety of food, and for this reason they should not be fed pure wheat and corn. Our mixture is far better, also much cheaper. We quote following low prices while present stock lasts: Per bag of 100 lbs., \$1.00; 5 bag lots or over, 90c bag.

**Bo-Ko Cholera Cure.**

A sure cure for Hog Cholera as well as a preventative. If directions are followed will cure the worst cases of Plague and Cholera. Write us for testimonials from customers who have given Bo-Ko a trial. Price per package, 25c; dozen, \$2.25; case of 2 dozen, \$4.00. By mail add 20c a package for postage.

# Lake's Lice Exterminator.

A liquid preparation which is sure death to lice, mites, fleas, roaches, bed bugs, etc., on horses, cattle, sheep, hogs, cats, chickens, house plants, etc. Full directions with every package. Price per quart, 50c; per gallon, \$1.00.

**FLOWER POTS.**

Send us your orders for Flower Pots; we have a large stock. Prices as follows:

2-inch.....	per doz.	\$ 15	6-inch.....	per doz.	\$ 65
2½-inch.....	"	20	7-inch.....	"	1 00
3 inch.....	"	25	8-inch.....	"	1 25
4-inch.....	"	30	10-inch.....	"	2 25
5-inch.....	"	50	12-inch.....	"	3 50

Packing free, which we do carefully under our own supervision, but we are not responsible for any breakage whatever.

**JUTE TWINES FOR TYING TRUCK.**

Per ball, 10; 4 balls, 25c. Per lb., 15c; 10 lbs., \$1.00.

**WOODEN MEASURES, Well Made, Iron Bound.**

1-quart.....	each,	10c	1-peck.....	each,	25
2-quart.....	each,	15c	½-bushel .....	each,	30
½-peck.....	each,	20c			

All Vegetable and Flower Seed are sold at 5c per packet or three packets for 10c, unless otherwise noted.

## BASKETS. Standard Makes.

½-peck, Diamond Flat.....	per dozen, \$ 30
1-peck, Diamond Flat .....	per dozen, 30
½-bushel, Diamond Flat.....	per dozen, 30
½-bushel Gardener's Stave.....	per dozen, 1.75
1-bushel Garden's Stave.....	per dozen, 1.75

## WOOLFATINE.

(Woolfat.)

In presenting this valuable article to the public, we will state that this Fat is derived from the Wool of Sheep, and in its present purified state has proven itself a superior remedy in cases of cuts, sores or bruises of any kind from whatever source on horses or any other animal. It keeps the wound clean and cool, and if properly applied a certain and speedy cure is sure to follow. In cases of stiff joints, swelling and lameness, it eradicates the pain and keeps the inflamed portion in a cool condition.

## For the Human Body.

It is needless to state that Woolfatine has the same beneficial effects on the human body, and should, therefore, be kept in every household for emergencies. It cures and heals in a remarkably short time all the common sores, viz: Burns, cuts, bruises, chapped hands, etc. It removes roughness sunburn, tan, freckles, salt rheum, pimples, blackheads, etc. We also keep in stock Woolfatine Harness Grease and Woolfatine Harness Soap, prepared from Woolfat and pure liquid blacking ingredients, undoubtedly the best in the market; requires neither oiling nor dressing. Woolfatine, 1-lb. can, 50c; 5-lb. cans, \$2.00. Woolfatine Harness Grease, 1-lb. can, 50c; 5-lb. cans, \$2.00. Woolfatine Harness Soap, 20c per lb. By mail add 15c per pound for postage.

## USEFUL TABLES FOR FARMER AND GARDENER.

## Seeds Usually Sown Upon one Acre.

Artichoke, Jerusalem.....	3 bushel	Grass, Herds.....	1½ bushel
Barley, broadcast.....	2 "	Grass, Timothy.....	½ bushel
Beans, dwarf, in drills.....	1½ "	Millet.....	1 bushel
Beans, pole in hills.....	8 to 10 quarts	Oats, broadcast.....	2 to 3 bushel
Beans, in drills.....	4 to 5 pounds	Onion, in drills.....	4 to 6 pounds
Broom Corn, in hills.....	4 to 6 quarts	Parsnip, in drills.....	4 to 5 pounds
Buckwheat, broadcast.....	¾ to 1 bushel	Peas, early, in drills.....	1½ bushel
Cabbage, to transplant.....	¼ pound	Peas, Marrowfat, in drills.....	1¼ bushel
Carrot, in hills.....	2 to 3 pounds	Peas, broadcast, Stock.....	2 bushel
Corn, in hills.....	8 quarts	Potatoes, cut tubers, in drills.....	10 bushel
Clover, Alsike.....	5 pounds	Radish, in drills.....	6 to 8 pounds
Clover, Red, alone.....	10 pounds	Rye, broadcast.....	1½ to 2 bushel
Clover, White.....	6 pounds	Salsify, in drills.....	6 to 8 pounds
Clover, Lucerne or Alfalfa.....	15 pounds	Spinach, in drills.....	8 to 10 pounds
Cucumber, in hills.....	1 to 2 pounds	Turnip, in drills.....	1 pound
Grass, Blue.....	2 bushel	Turnip, broadcast.....	2 pound
Grass, Hungarian.....	1 bushel	Vetches, broadcast.....	1½ bushel
Grass, Lawn.....	3 bushel	Wheat, in drills.....	1 bushel
Grass, Orchard.....	2 bushel	Wheat, broadcast.....	1½ bushel

Do not overlook the business cards of some of our best merchants on the pink pages. Mention this Catalogue when writing to them.

## Useful Formulas for Spraying.

PLANT.	1st Application.	2d Application.	3d Application.
Apple .....	Before the buds burst, copper sulphate solution	Just before blossoms open, Bordeaux.	When blossoms have fallen, Bordeaux and arsenites.
Cherry.....	As buds are breaking, Bordeaux. When aphis appears, kerosene emulsion.	When fruit has set, Bordeaux.	10-14 days later if rot appears, Bordeaux.
Grape.....	In spring before buds swell, copper Sulphate solution.	When leaves are 1 to $1\frac{1}{2}$ inches in diameter. Bordeaux	When flowers are open, Bordeaux.
Peach.....	Before buds swell, copper, sulphate solution.	Before flowers open Bordeaux.	When fruit is grown, Bordeaux.
Pear.....	As buds are swelling, copper sulphate solution.	Just before blossoms open, Bordeaux. Kerosene emulsion when leaves open, for psylla.	After blossoms have fallen, Bordeaux and arsenites.
Plum .....	When buds are swelling, copper sulphate solution.	When blossoms have fallen, Bordeaux and arsenites.	10-14 days later, Bordeaux and arsenites.
Potato.....	When beetles first appear, arsenites.	When vines are two thirds grown, Bordeaux and arsenites.	5-15 days later, Bordeaux.

### Bordeaux Mixture.

Copper Sulphate.....	6 pounds.
Quicklime.....	4 pounds.
Water.....	40 gallons.

Bordeaux mixture is made by dissolving 6 pounds of copper sulphate in say 5 gallons of hot water. Take 4 pounds of fresh caustic lime, adding water enough to make a thin whitewash; fasten a piece of coarse sacking over the barrel containing the solution of bluestone, and strain the thin whitewash into it. When this is done, add enough water to bring the whole up to 40 gallons. It is necessary to add the lime in order to prevent the copper sulphate from injuring the foliage. In order to kill the apple worms before they have time to eat their way into the apples, it is necessary to add Paris Green to poison the worms. The proportion that is advised is at the rate of 2 pound of Paris Green to 200 gallons of water.

### Kerosene Emulsion.

Hard soap.....	$\frac{1}{2}$ pound.
Boiling water.....	1 gallon.
Kerosene.....	.2 gallons.

Dissolve the soap in the water, add the kerosene and churn with a pump for 5 to 10 minutes. Dilute ten times before applying. For insects which suck, cabbage worms, and all insects which have soft bodies.

**Copper Sulphate Solution.**

Copper sulphate.....	1 pound.
Water.....	15 gallons.

Dissolve copper sulphate in the water, when it is ready for use. This should never be applied to foliage, but must be used before the buds break. For peaches and nectarines. use 25 gallons of water. For fungous diseases.

**Paris Green.**

Paris green.....	1 pound.
Water.....	250 gallons.

If this mixture is to be used upon peach trees, 1 pound of quicklime should be added. Repeated applications will injure most foliage, unless lime is added. Paris green and Bordeaux can be applied together with perfect safety. The action of neither is weakened, and the Paris green loses all caustic properties. For insects which chew

**Bargain Collection of Fruit Trees, Vines and Plants.****Schwill's Memphi Collection, \$2.00.**

At retail this collection would cost you \$3.00; upon receipt of \$2.00 we will ship, packed in good order, the following Fruit Trees, etc.; all first size choice stock. Express or freight charges to be paid by purchaser.

1 apple, Red June.	1 peach, Elberta.	1 grape, Moore's Early.
1 apple, Yel. Transparent.	1 peach, Heath Cling.	1 grape, Concord.
1 apple, Tull.	1 pear, Keiffer.	6 raspberry, Gregg.
1 peach, Ensley.	1 plum, Wild Goose;	6 blackberrys, Ear Harvest

No changes will be made in above assortment.

**Schwill's Bluff City Collection, \$5.00.**

For \$5.00 we will ship, packed in good order, the following list of Fruit Trees, etc.; all first-class stock. At retail this lot would cost you \$7.10. Express or freight charges to be paid by purchaser.

1 apple, Early Harvest.	1 peach, Old Mixon Cling.	1 quince, Orange.
1 apple, Red June.	1 peach, Ensley.	1 grape, Perkins.
1 apple, Yel. Transparent.	1 peach, Indian Blood.	1 grape, Moore's Early.
1 apple, Black Twig.	1 peach, Crawford's Early.	1 grape, Concord.
1 apple, Tull.	1 pear, Bartlett.	50 strawberry, Michell Ea.
1 apple, Summer Queen.	1 pear, Keiffer.	12 blackberry, Ea. Harvest
1 peach, Early Rivers.	1 plum, Wild Goose.	6 gooseberry, Houghton.
1 peach, Elberta.	1 cherry, Wright's Early.	12 raspberry, Gregg.

No changes will be allowed in this collection.

**Schwill's Triumph Collection.**

Upon receipt of \$10.00 we will ship, packed in good order, the following bill of trees, all good, strong, healthy stock of best grade. This lot retails for \$14.25, catalogue prices. Express or freight charges to be paid by purchaser.

5 apples, Summer Queen.	5 peaches, Chinese Cling.	12 blackberry, Ea Harvest
5 apples, Red Astrachan.	1 pear, Early Harvest.	12 raspberry, Gregg.
5 apples, Red June.	1 pear, Keiffer.	100 strawberry, Michell Ea
5 apples, Tull.	1 pear, Garber.	1 plum, Wild Goose.
5 apples, Yel. Transparent	1 Crab apple, Martha.	1 plum, Abundance.
5 peaches, Elberta.	2 grapes, Worden.	1 cherry, Wright's Early.
5 peaches, Crawford's Late	2 grapes, Perkins.	1 cherry, Wright's Mam.
5 peaches, Early Rivers.	1 grape, Concord.	1 quince, Orange.
5 peaches, Sneed.	12 gooseberry, Houghton.	1 mulberry, Hicks.

No changes will be allowed in this collection.

**Try one of the above Collections and save 33 $\frac{1}{3}$  per cent.**

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